

Lower Thames Crossing

6.2 Environmental Statement Figures

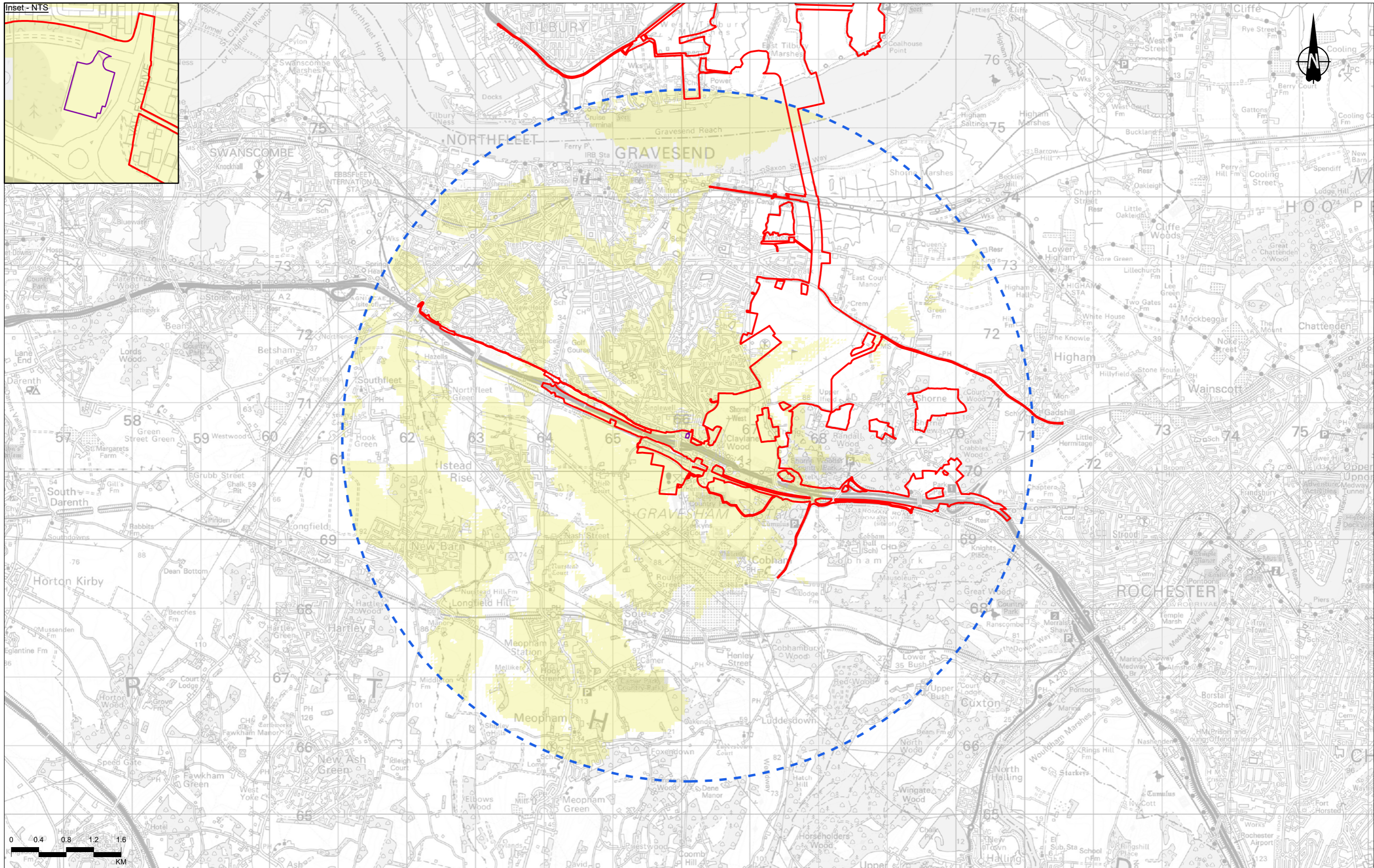
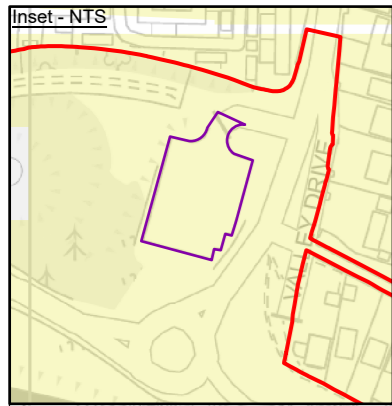
Figure 7.8 - ZTV - 5km DTM Analysis of Main Construction Compounds (1 of 2)

APFP Regulation 5(2)(a)
Infrastructure Planning
(Applications: Prescribed Forms and Procedure)
Regulations 2009
Volume 6

DATE: October 2022

Planning Inspectorate Scheme Ref: TR010032
Application Document Ref: TR010032/APP/6.2

VERSION: 1.0



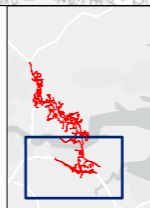
Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

Rev	Status	Rev. Date	Purpose of revision	Drawn	Checked	Approved
P03	S8	09/08/2022	DCO Application	RG	SK	BF

Legend	
	Order Limits
	Marling Cross compound
	5km offset from construction compound
	Area identifying combined visibility of all anticipated construction operations within Marling Cross compound

Notes:

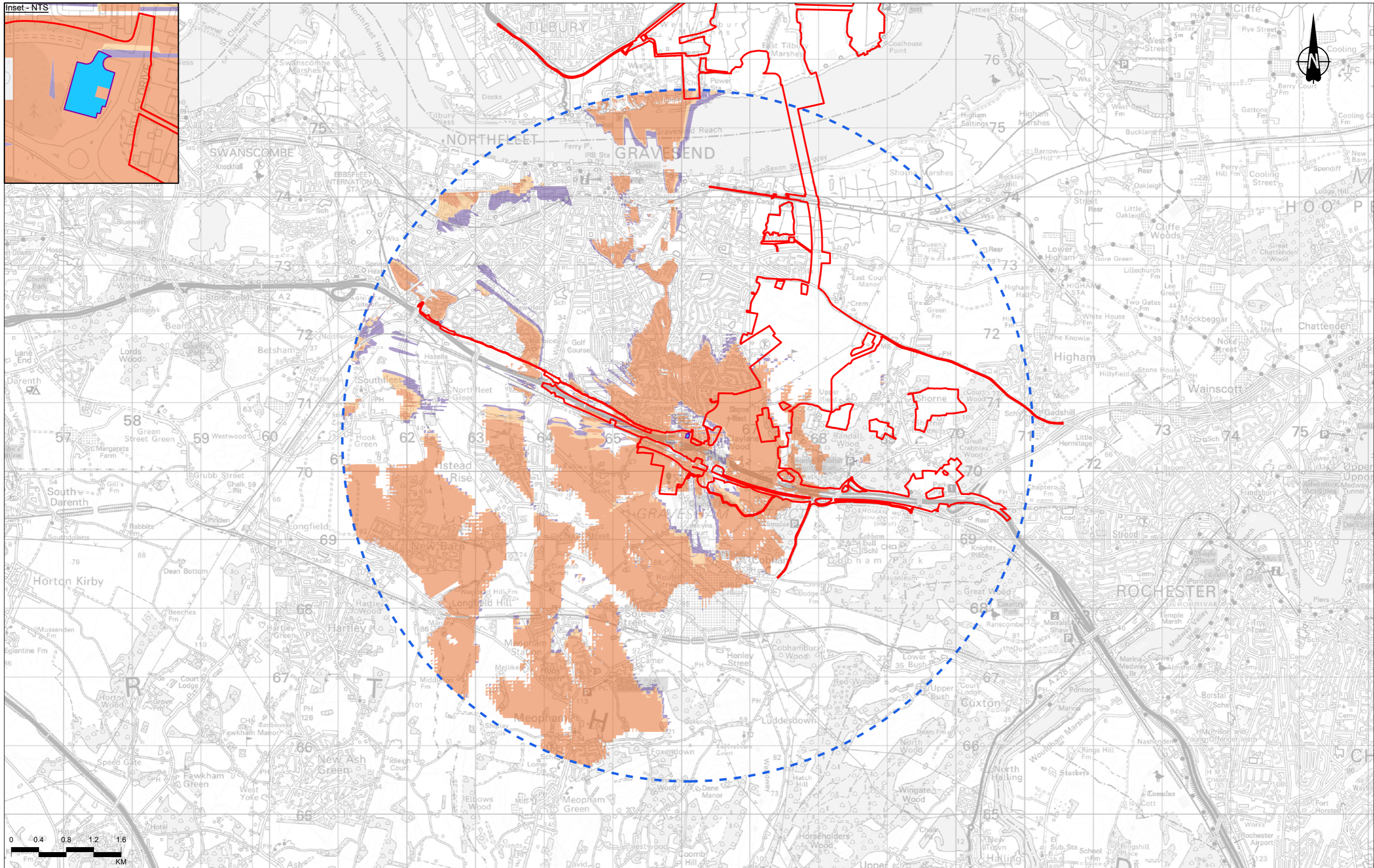
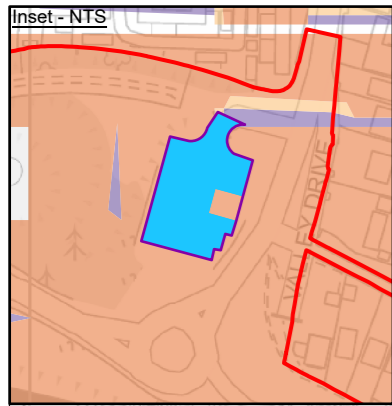
1. The Zone of Theoretical Visibility (ZTV) was created using Esri ArcGIS (Visibility Tool). It is based on the combined 5m Digital Terrain Model (DTM). This has been compiled from data received from National Highways.
2. The ZTV illustrates the area of theoretical visibility of the proposed elements of the Project and a view height of 2m and is limited to a 5km study area.
3. This figure shows theoretical visibility and therefore the worst case extent to which the Project could be visible from the surrounding landscape. The actual extent of visibility is likely to be substantially less than shown on this figure, in particular within urban areas where with the exception of settlement edges, outward views are typically screened by existing buildings or other features.



Client:

Project: **LOWER THAMES CROSSING**

Status	DCO APPLICATION	Original Size	A3	Revision	P03
Application Document Number	TR010032/APP/6.2	Scale	1:50,000		
Drawing Title	Figure 7.8 - ZTV - 5km DTM Analysis of Main Construction Compounds - Marling Cross compound (Overview) Page 1 of 50				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50027				



PO3	S8	09/08/2022	DCO Application	RG	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprvd

Legend

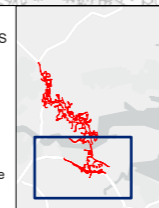
- Order Limits
- Marling Cross compound
- 5km offset from construction compound
- Marling Cross compound - max 6m high operations

Zone of Theoretical Visibility (ZTV):
Theoretical visibility of max 6m high operations within Marling Cross compound

- Area identifying 1 - 33% of operations visible
- Area identifying 34 - 66% of operations visible
- Area identifying 67 - 100% of operations visible

Notes:

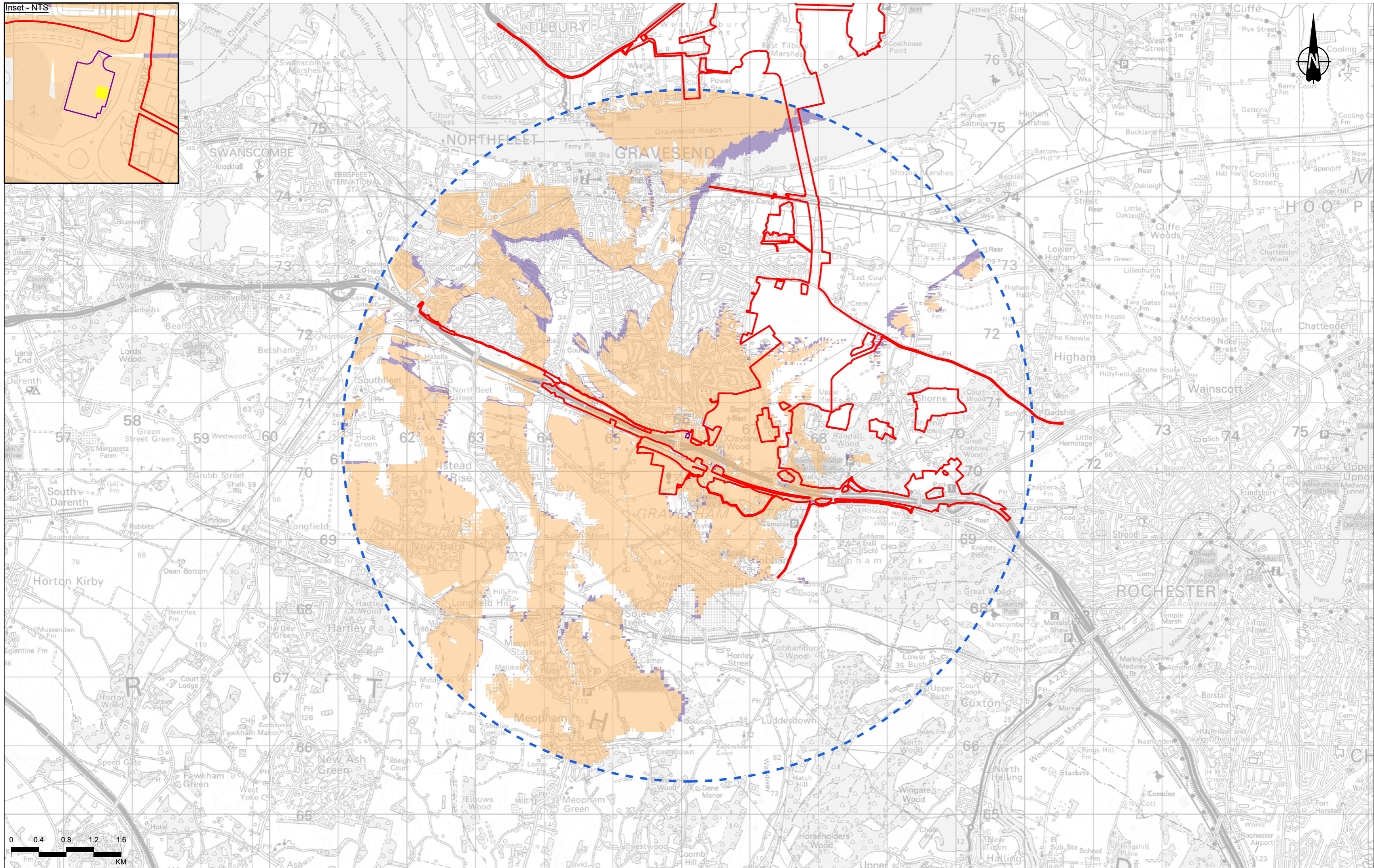
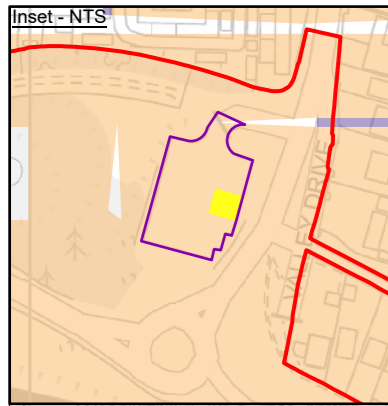
- The Zone of Theoretical Visibility (ZTV) was created using Esri ArcGIS (Visibility Tool). It is based on the combined 5m Digital Terrain Model (DTM). This has been compiled from data received from National Highways.
- The ZTV illustrates the area of theoretical visibility of the proposed elements of the Project and a view height of 2m and is limited to a 5km study area.
- This figure shows theoretical visibility and therefore the worst case extent to which the Project could be visible from the surrounding landscape. The actual extent of visibility is likely to be substantially less than shown on this figure, in particular within urban areas where with the exception of settlement edges, outward views are typically screened by existing buildings or other features.



Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	DCO APPLICATION	Original Size	A3	Revision	P03
Application Document Number	TR010032/APP/6.2	Scale	1:50,000		
Drawing Title	Figure 7.8 - ZTV - 5km DTM Analysis of Main Construction Compounds - Marling Cross compound (Visibility of max 6m high operations) Page 2 of 50				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50027				



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

Rev	Status	Rev. Date	Purpose of revision	Drawn	Checked	Approved
P03	S8	09/08/2022	DCO Application	RG	SK	BF

Legend

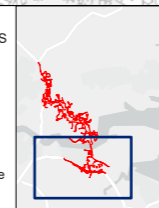
	Order Limits
	Marling Cross compound
	5km offset from construction compound
	Marling Cross compound - max 15m high operations

Zone of Theoretical Visibility (ZTV):
Theoretical visibility of max 15m high operations within Marling Cross compound

	Area identifying 1 - 33% of operations visible
	Area identifying 34 - 66% of operations visible

Notes:

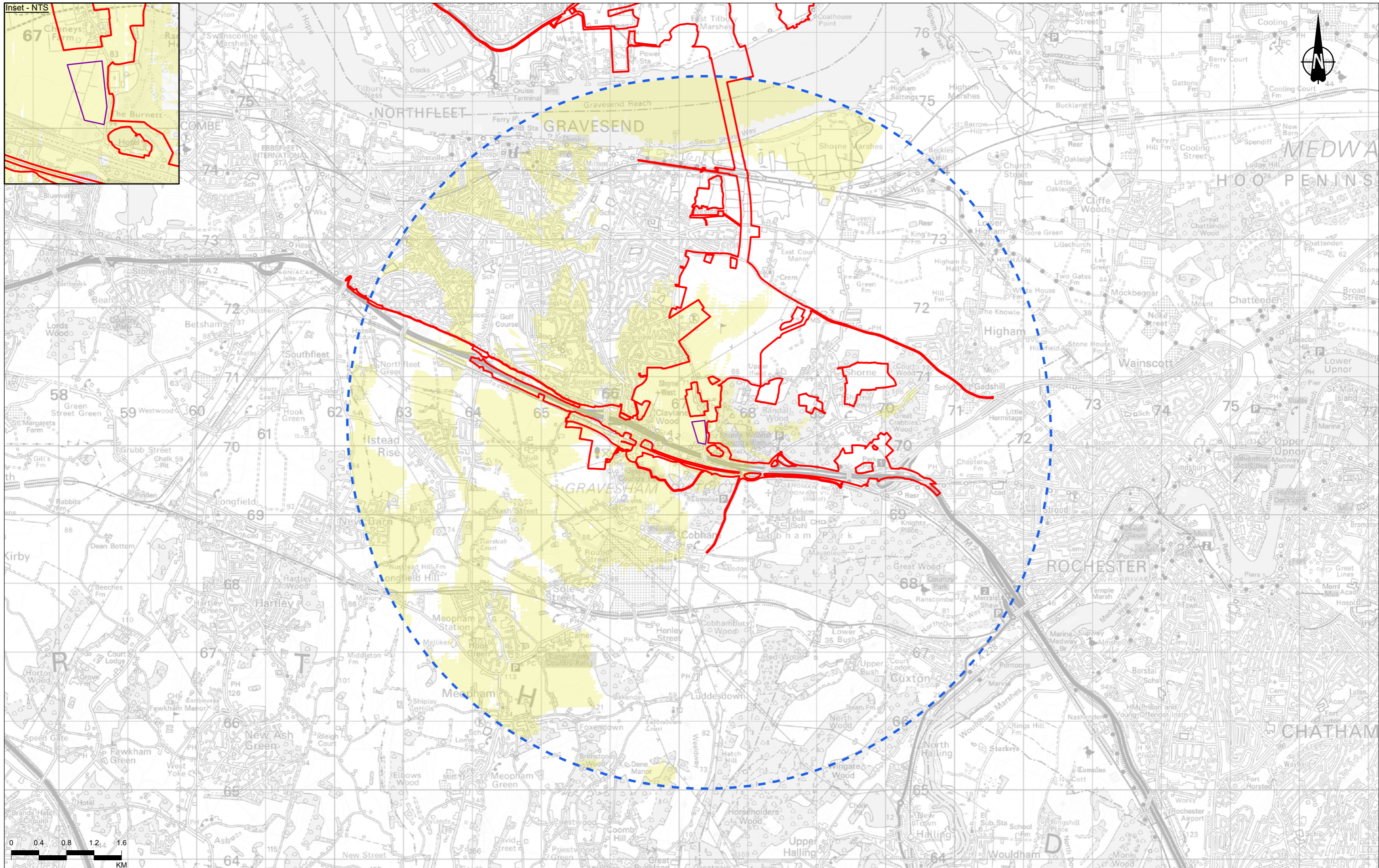
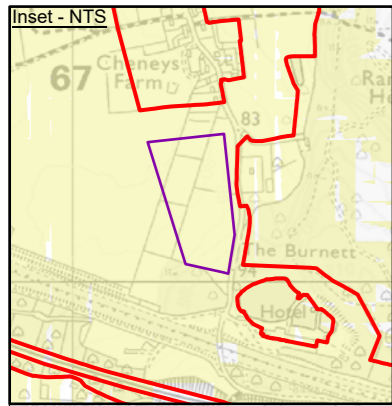
- The Zone of Theoretical Visibility (ZTV) was created using Esri ArcGIS (Visibility Tool). It is based on the combined 5m Digital Terrain Model (DTM). This has been compiled from data received from National Highways.
- The ZTV illustrates the area of theoretical visibility of the proposed elements of the Project and a view height of 2m and is limited to a 5km study area.
- This figure shows theoretical visibility and therefore the worst case extent to which the Project could be visible from the surrounding landscape. The actual extent of visibility is likely to be substantially less than shown on this figure, in particular within urban areas where with the exception of settlement edges, outward views are typically screened by existing buildings or other features.



Client: national highways

Project: **LOWER THAMES CROSSING**

Status	DCO APPLICATION	Original Size	A3	Revision	P03
Application Document Number	TR010032/APP/6.2	Scale	1:50,000		
Drawing Title	Figure 7.8 - ZTV - 5km DTM Analysis of Main Construction Compounds - Marling Cross compound (Visibility of max 15m high operations) Page 3 of 50				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50027				

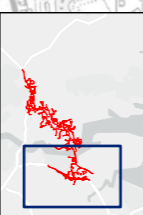


0	0.4	0.8	1.2	1.6
KM				

Legend	
	Order Limits
	A2 Compound
	5km offset from construction compound
	Area identifying combined visibility of all anticipated construction operations within A2 compound

Notes:

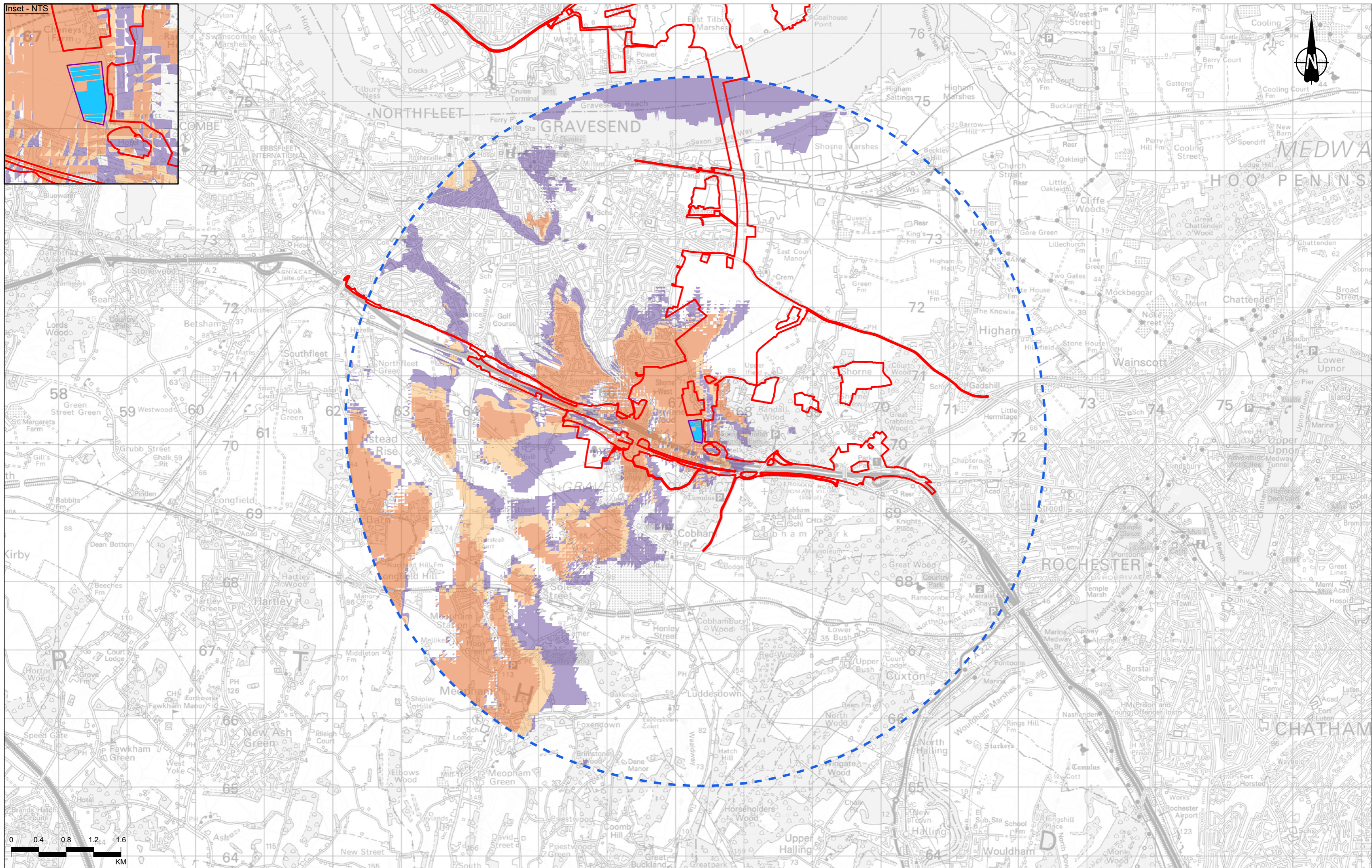
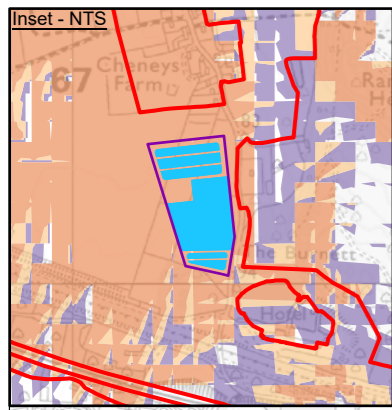
1. The Zone of Theoretical Visibility (ZTV) was created using Esri ArcGIS (Visibility Tool). It is based on the combined 5m Digital Terrain Model (DTM). This has been compiled from data received from National Highways.
2. The ZTV illustrates the area of theoretical visibility of the proposed elements of the Project and a view height of 2m and is limited to a 5km study area.
3. This figure shows theoretical visibility and therefore the worst case extent to which the Project could be visible from the surrounding landscape. The actual extent of visibility is likely to be substantially less than shown on this figure, in particular within urban areas where with the exception of settlement edges, outward views are typically screened by existing buildings or other features.



Client:

Project: **LOWER THAMES CROSSING**

Status	DCO APPLICATION	Original Size	A3	Revision	P03
Application Document Number	TR010032/APP/6.2	Scale	1:50,000		
Drawing Title	Figure 7.8 - ZTV - 5km DTM Analysis of Main Construction Compounds - A2 compound (Overview)				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50027				
Page 4 of 50					



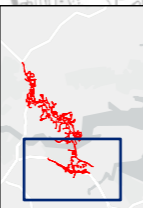
Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649
P03 S8 09/08/2022 DCO Application RG SK BF
Rev Status Rev. Date Purpose of revision Drawn Chkd Apprvd

Legend	
	Order Limits
	A2 Compound
	5km offset from construction compound
	A2 compound - max 6m high operations

Zone of Theoretical Visibility (ZTV):	
Theoretical visibility of max 6m high operations within A2 compound	
	Area identifying 1 - 33% of operations visible
	Area identifying 34 - 66% of operations visible
	Area identifying 67 - 100% of operations visible

Notes:

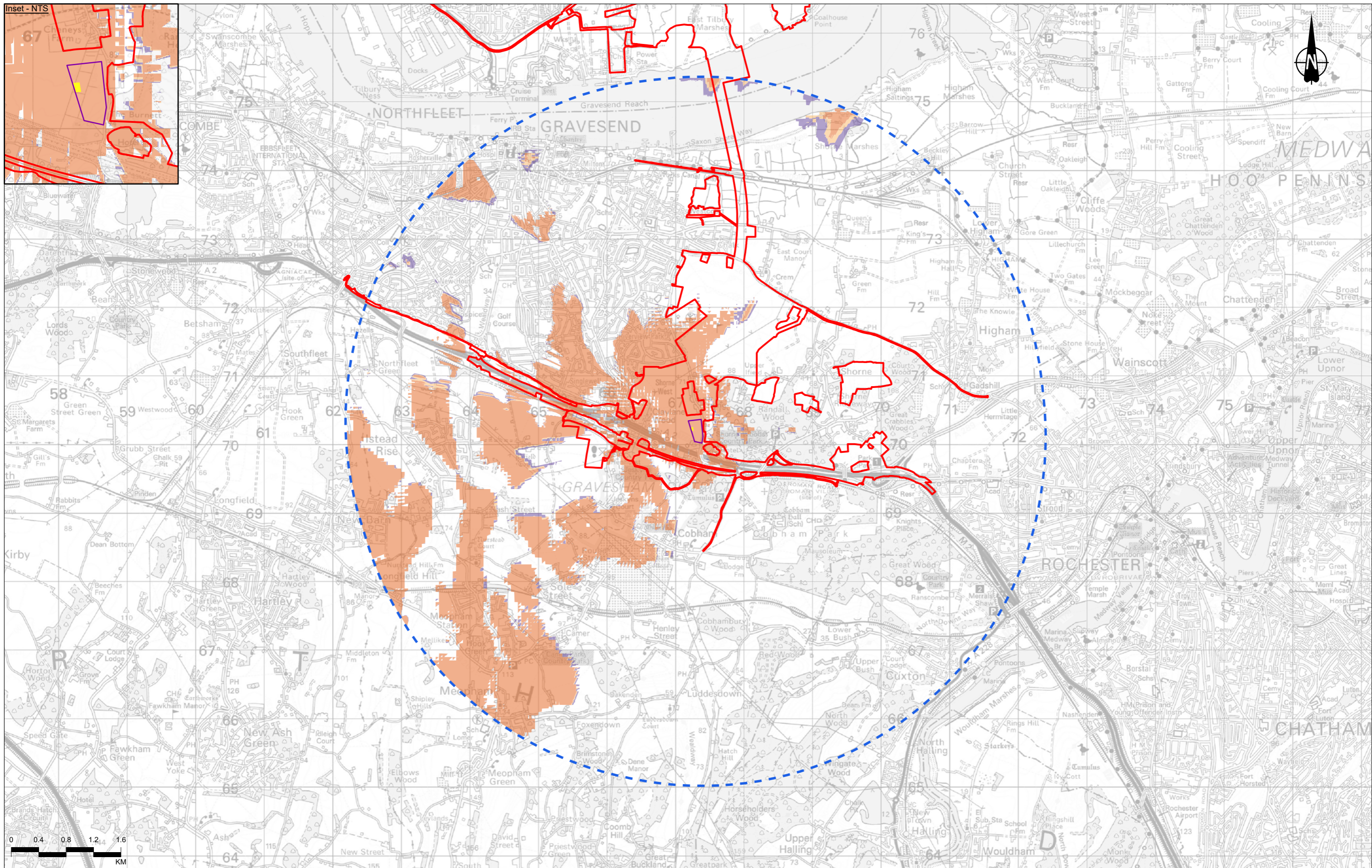
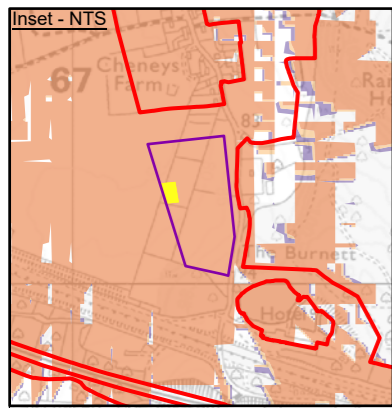
- The Zone of Theoretical Visibility (ZTV) was created using Esri ArcGIS (Visibility Tool). It is based on the combined 5m Digital Terrain Model (DTM). This has been compiled from data received from National Highways.
- The ZTV illustrates the area of theoretical visibility of the proposed elements of the Project and a view height of 2m and is limited to a 5km study area.
- This figure shows theoretical visibility and therefore the worst case extent to which the Project could be visible from the surrounding landscape. The actual extent of visibility is likely to be substantially less than shown on this figure, in particular within urban areas where with the exception of settlement edges, outward views are typically screened by existing buildings or other features.



Client: national highways

Project: LOWER THAMES CROSSING

Status	DCO APPLICATION	Original Size	A3	Revision	P03
Application Document Number	TR010032/APP/6.2	Scale	1:50,000		
Drawing Title	Figure 7.8 - ZTV - 5km DTM Analysis of Main Construction Compounds - A2 compound (Visibility of max 6m high operations) Page 5 of 50				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50027				



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

P03	S8	09/08/2022	DCO Application	RG	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprvd

Legend

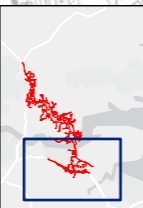
- Order Limits
- A2 Compound
- 5km offset from construction compound
- A2 compound - max 15m high operations

Zone of Theoretical Visibility (ZTV):
Theoretical visibility of max 15m high operations within A2 compound

- Area identifying 1 - 33% of operations visible
- Area identifying 34 - 66% of operations visible
- Area identifying 67 - 100% of operations visible

Notes:

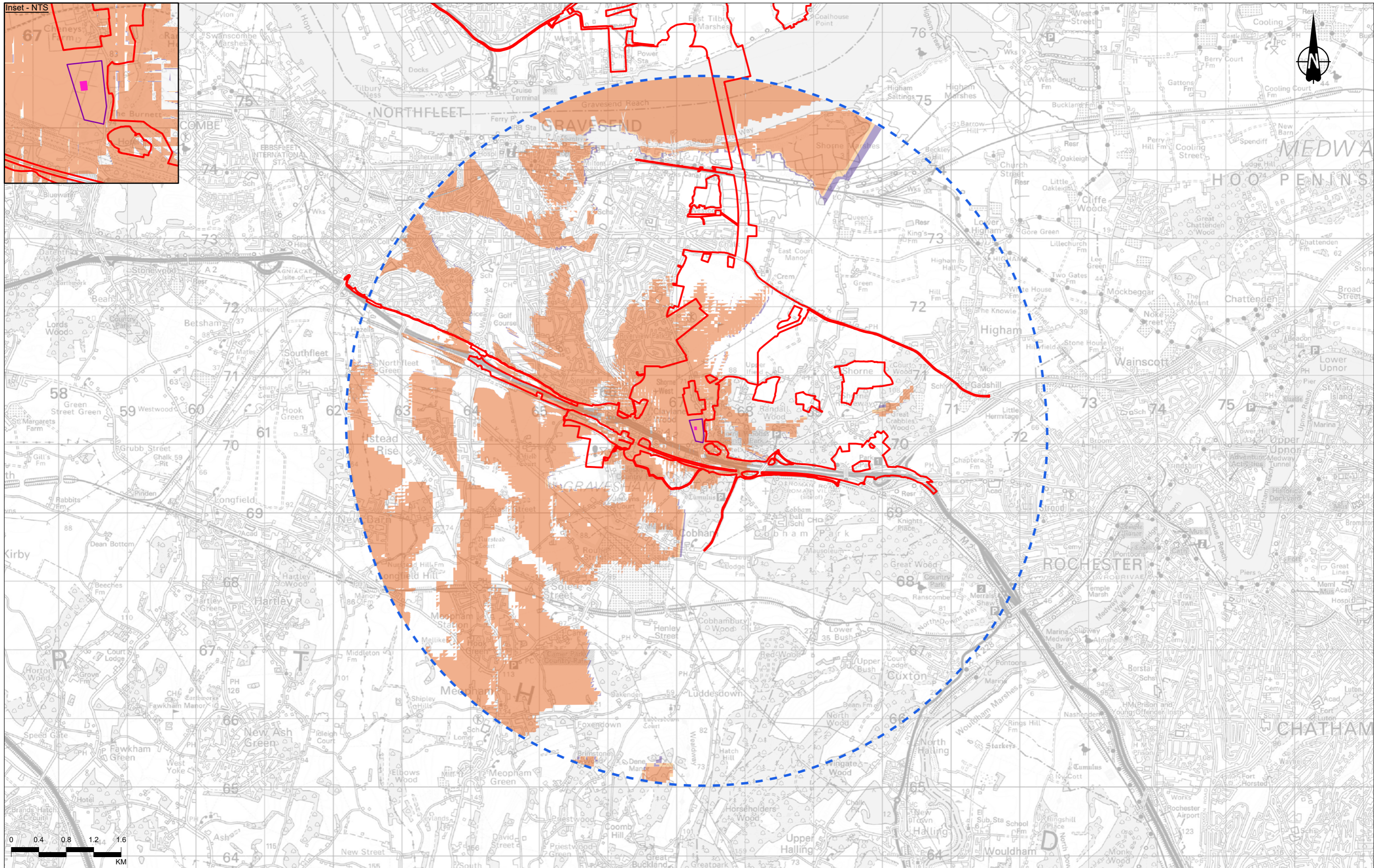
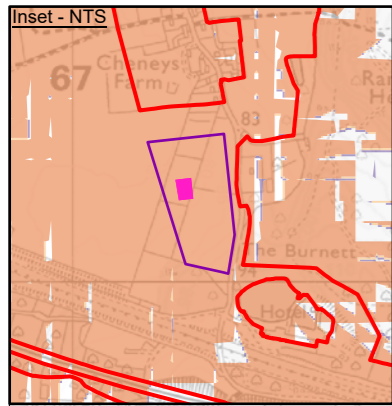
- The Zone of Theoretical Visibility (ZTV) was created using Esri ArcGIS (Visibility Tool). It is based on the combined 5m Digital Terrain Model (DTM). This has been compiled from data received from National Highways.
- The ZTV illustrates the area of theoretical visibility of the proposed elements of the Project and a view height of 2m and is limited to a 5km study area.
- This figure shows theoretical visibility and therefore the worst case extent to which the Project could be visible from the surrounding landscape. The actual extent of visibility is likely to be substantially less than shown on this figure, in particular within urban areas where with the exception of settlement edges, outward views are typically screened by existing buildings or other features.



Client: national highways

Project: **LOWER THAMES CROSSING**

Status	DCO APPLICATION	Original Size	A3	Revision	P03
Application Document Number	TR010032/APP/6.2	Scale	1:50,000		
Drawing Title	Figure 7.8 - ZTV - 5km DTM Analysis of Main Construction Compounds - A2 compound (Visibility of max 15m high operations) Page 6 of 50				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50027				



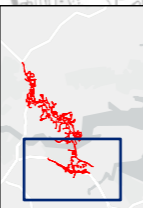
Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649
P03 S8 09/08/2022 DCO Application RG SK BF
Rev Status Rev. Date Purpose of revision Drawn Chkd Apprvd

Legend	
	Order Limits
	A2 Compound
	5km offset from construction compound
	A2 compound - max 25m high operations

Zone of Theoretical Visibility (ZTV): Theoretical visibility of max 25m high operations within A2 compound	
	Area identifying 1 - 33% of operations visible
	Area identifying 34 - 66% of operations visible
	Area identifying 67 - 100% of operations visible

Notes:

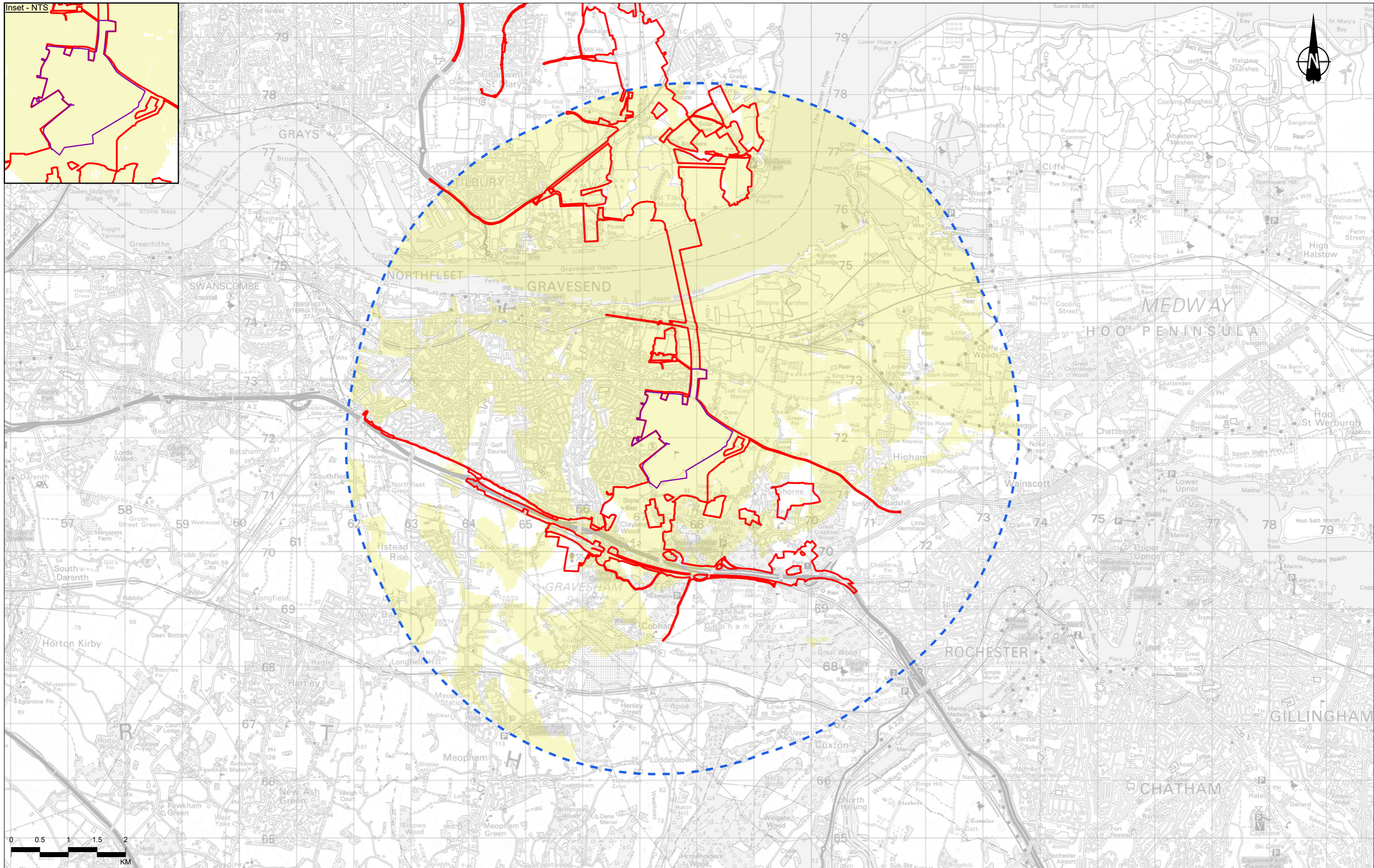
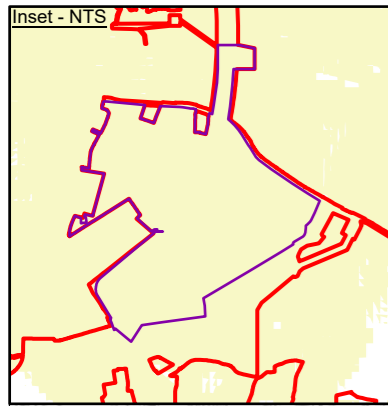
- The Zone of Theoretical Visibility (ZTV) was created using Esri ArcGIS (Visibility Tool). It is based on the combined 5m Digital Terrain Model (DTM). This has been compiled from data received from National Highways.
- The ZTV illustrates the area of theoretical visibility of the proposed elements of the Project and a view height of 2m and is limited to a 5km study area.
- This figure shows theoretical visibility and therefore the worst case extent to which the Project could be visible from the surrounding landscape. The actual extent of visibility is likely to be substantially less than shown on this figure, in particular within urban areas where with the exception of settlement edges, outward views are typically screened by existing buildings or other features.



Client: national highways

Project: LOWER THAMES CROSSING

Status	DCO APPLICATION	Original Size	A3	Revision	P03
Application Document Number	TR010032/APP/6.2	Scale	1:50,000		
Drawing Title	Figure 7.8 - ZTV - 5km DTM Analysis of Main Construction Compounds - A2 compound (Visibility of max 25m high operations) Page 7 of 50				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50027				



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 10003049

P03	S8	09/08/2022	DCO Application	RG	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprvd

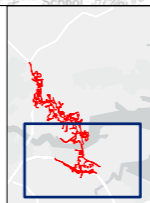
Legend

	Order Limits
	Southern Tunnel Compound
	5km offset from construction compound

Area identifying combined visibility of all anticipated construction operations within Southern Portal compound

Notes:

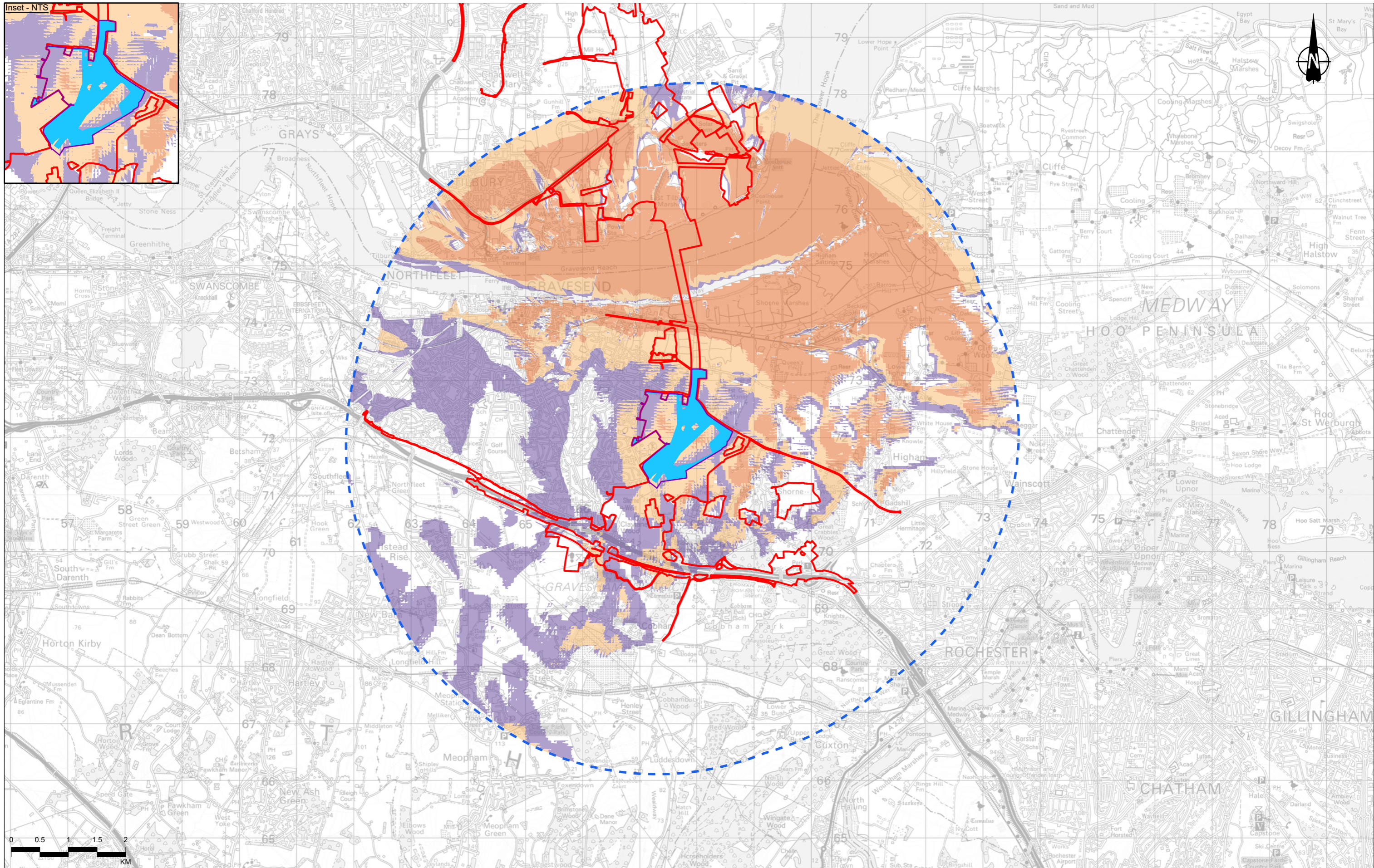
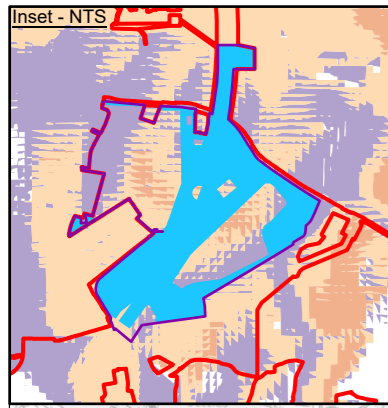
1. The Zone of Theoretical Visibility (ZTV) was created using Esri ArcGIS (Visibility Tool). It is based on the combined 5m Digital Terrain Model (DTM). This has been compiled from data received from National Highways.
2. The ZTV illustrates the area of theoretical visibility of the proposed elements of the Project and a view height of 2m and is limited to a 5km study area.
3. This figure shows theoretical visibility and therefore the worst case extent to which the Project could be visible from the surrounding landscape. The actual extent of visibility is likely to be substantially less than shown on this figure, in particular within urban areas where with the exception of settlement edges, outward views are typically screened by existing buildings or other features.



Client:

Project: **LOWER THAMES CROSSING**

Status	DCO APPLICATION	Original Size	A3	Revision	P03
Application Document Number	TR010032/APP/6.2	Scale	1:60,000		
Drawing Title	Figure 7.8 - ZTV - 5km DTM Analysis of Main Construction Compounds - Southern tunnel entrance compound (Overview) Page 8 of 50				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50027				



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

P03	S8	09/08/2022	DCO Application	RG	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprvd

Legend

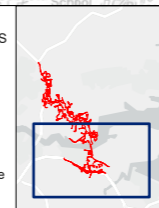
- Order Limits
- Southern Tunnel Compound
- 5km offset from construction compound
- Southern Tunnel compound - max 6m high operations

Zone of Theoretical Visibility (ZTV):
Theoretical visibility of max 6m high operations within Southern Portal compound

- Area identifying 1 - 33% of operations visible
- Area identifying 34 - 66% of operations visible
- Area identifying 67 - 100% of operations visible

Notes:

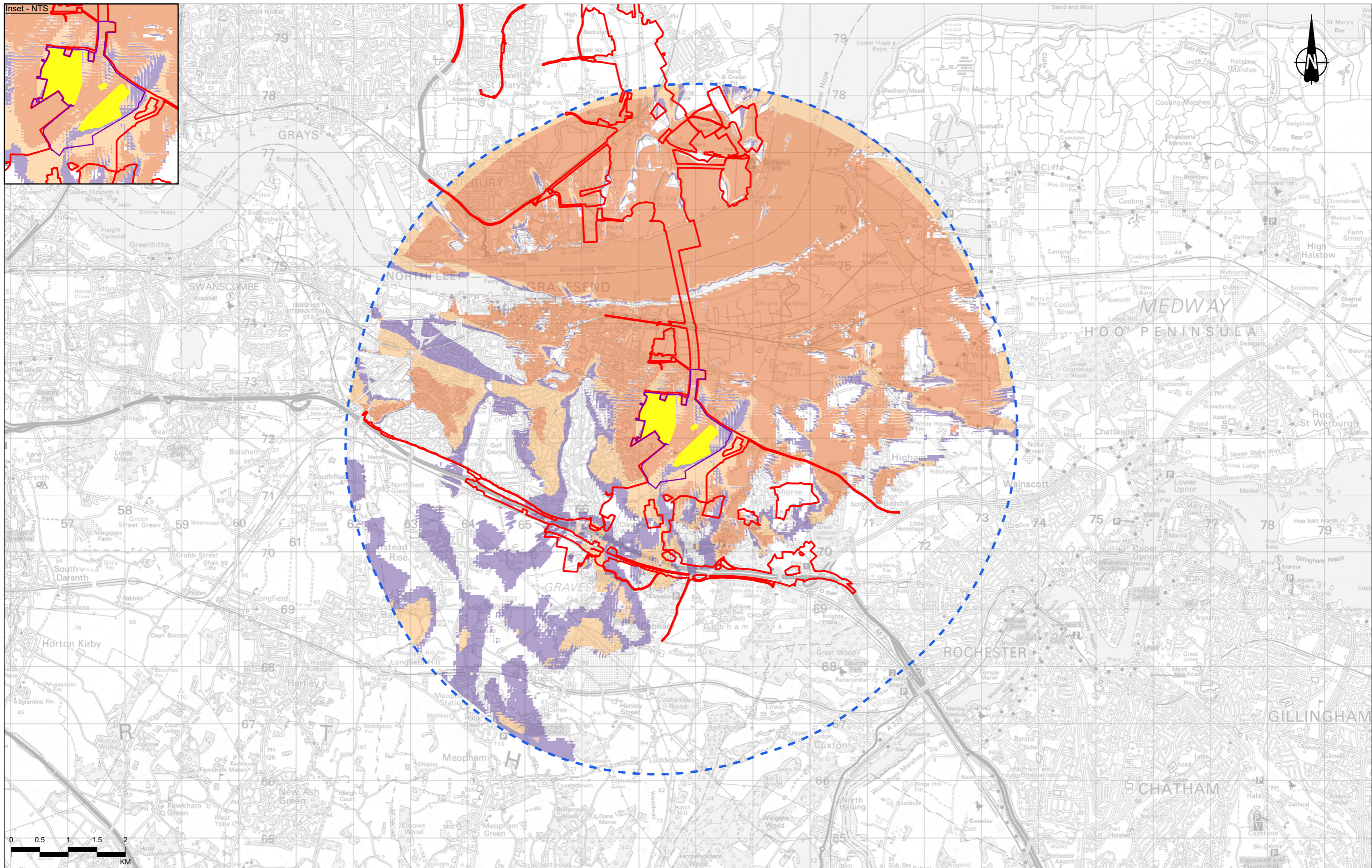
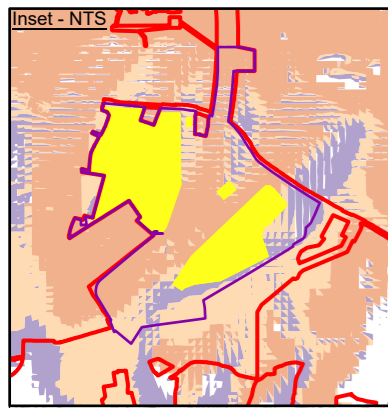
- The Zone of Theoretical Visibility (ZTV) was created using Esri ArcGIS (Visibility Tool). It is based on the combined 5m Digital Terrain Model (DTM). This has been compiled from data received from National Highways.
- The ZTV illustrates the area of theoretical visibility of the proposed elements of the Project and a view height of 2m and is limited to a 5km study area.
- This figure shows theoretical visibility and therefore the worst case extent to which the Project could be visible from the surrounding landscape. The actual extent of visibility is likely to be substantially less than shown on this figure, in particular within urban areas where with the exception of settlement edges, outward views are typically screened by existing buildings or other features.



Client: national highways

Project: **LOWER THAMES CROSSING**

Status	DCO APPLICATION	Original Size	A3	Revision	P03
Application Document Number	TR010032/APP/6.2	Scale	1:60,000		
Drawing Title	Figure 7.8 - ZTV - 5km DTM Analysis of Main Construction Compounds - Southern tunnel entrance compound (Visibility of max 6m high operations) Page 9 of 50				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50027				



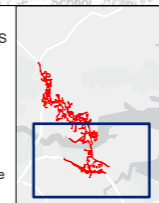
PO3	S8	09/08/2022	DCO Application	RG	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprvd

Legend	
	Order Limits
	Southern Tunnel Compound
	5km offset from construction compound
	Southern Tunnel compound - max 15m high operations

Zone of Theoretical Visibility (ZTV): Theoretical visibility of max 15m high operations within Southern Portal compound	
	Area identifying 1 - 33% of operations visible
	Area identifying 34 - 66% of operations visible
	Area identifying 67 - 100% of operations visible

Notes:

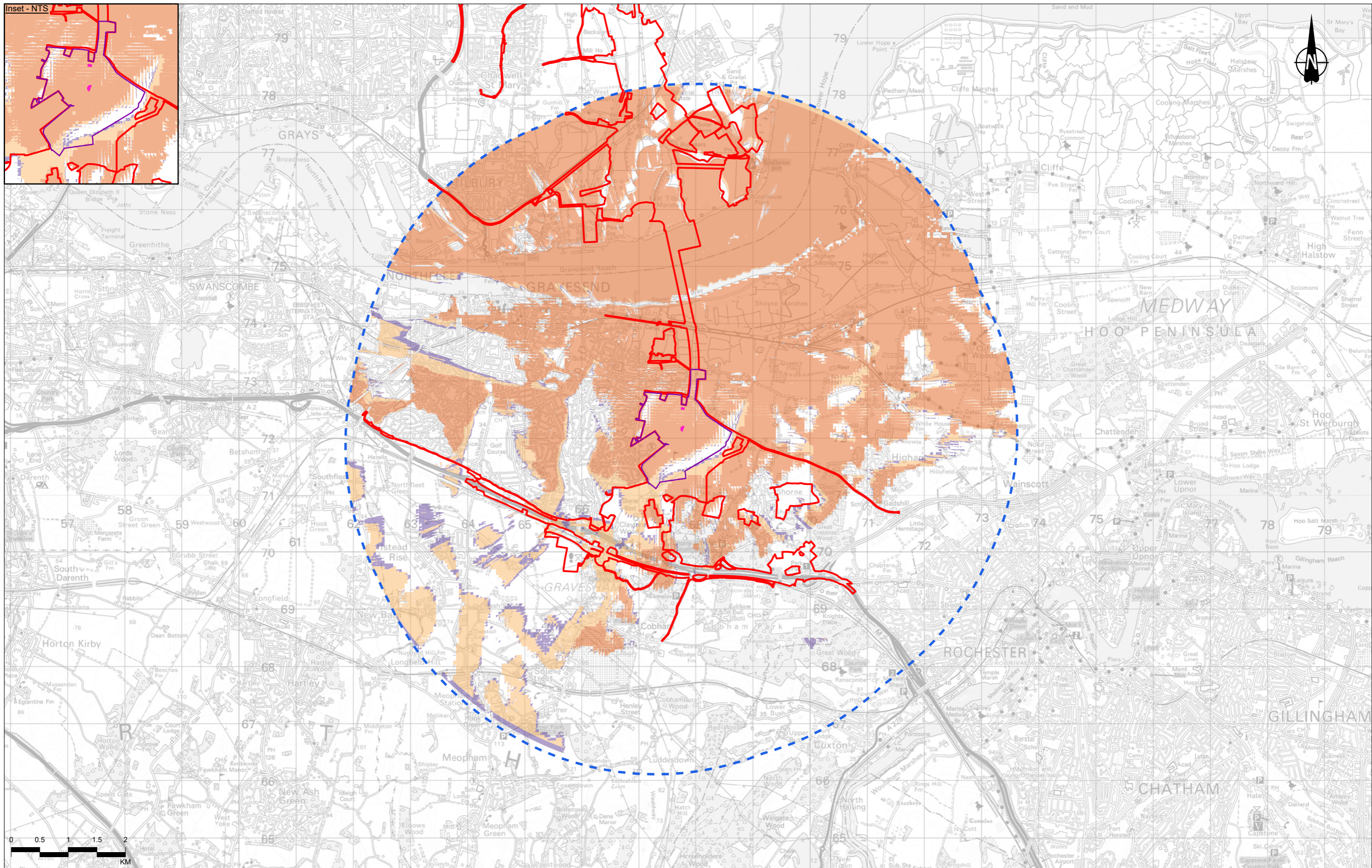
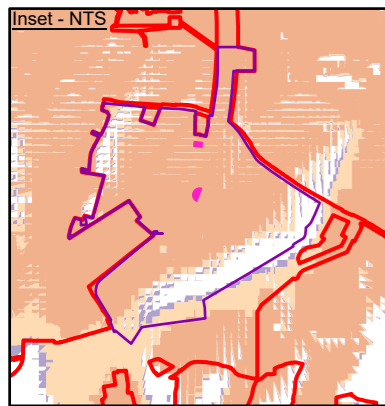
- The Zone of Theoretical Visibility (ZTV) was created using Esri ArcGIS (Visibility Tool). It is based on the combined 5m Digital Terrain Model (DTM). This has been compiled from data received from National Highways.
- The ZTV illustrates the area of theoretical visibility of the proposed elements of the Project and a view height of 2m and is limited to a 5km study area.
- This figure shows theoretical visibility and therefore the worst case extent to which the Project could be visible from the surrounding landscape. The actual extent of visibility is likely to be substantially less than shown on this figure, in particular within urban areas where with the exception of settlement edges, outward views are typically screened by existing buildings or other features.



Client:

Project: **LOWER THAMES CROSSING**

Status	DCO APPLICATION	Original Size	A3	Revision	P03
Application Document Number	TR010032/APP/6.2	Scale	1:60,000		
Drawing Title	Figure 7.8 - ZTV - 5km DTM Analysis of Main Construction Compounds - Southern tunnel entrance compound (Visibility of max 15m high operations) Page 10 of 50				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50027				



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprvd
P03	S8	09/08/2022	DCO Application	RG	SK	BF

Legend

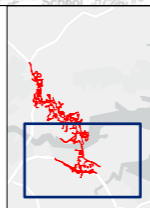
- Order Limits
- Southern Tunnel Compound
- 5km offset from construction compound
- Southern Tunnel compound - max 25m high operations

**Zone of Theoretical Visibility (ZTV):
Theoretical visibility of max 25m high operations
within Southern Portal compound**

- Area identifying 1 - 33% of operations visible
- Area identifying 34 - 66% of operations visible
- Area identifying 67 - 100% of operations visible

Notes:

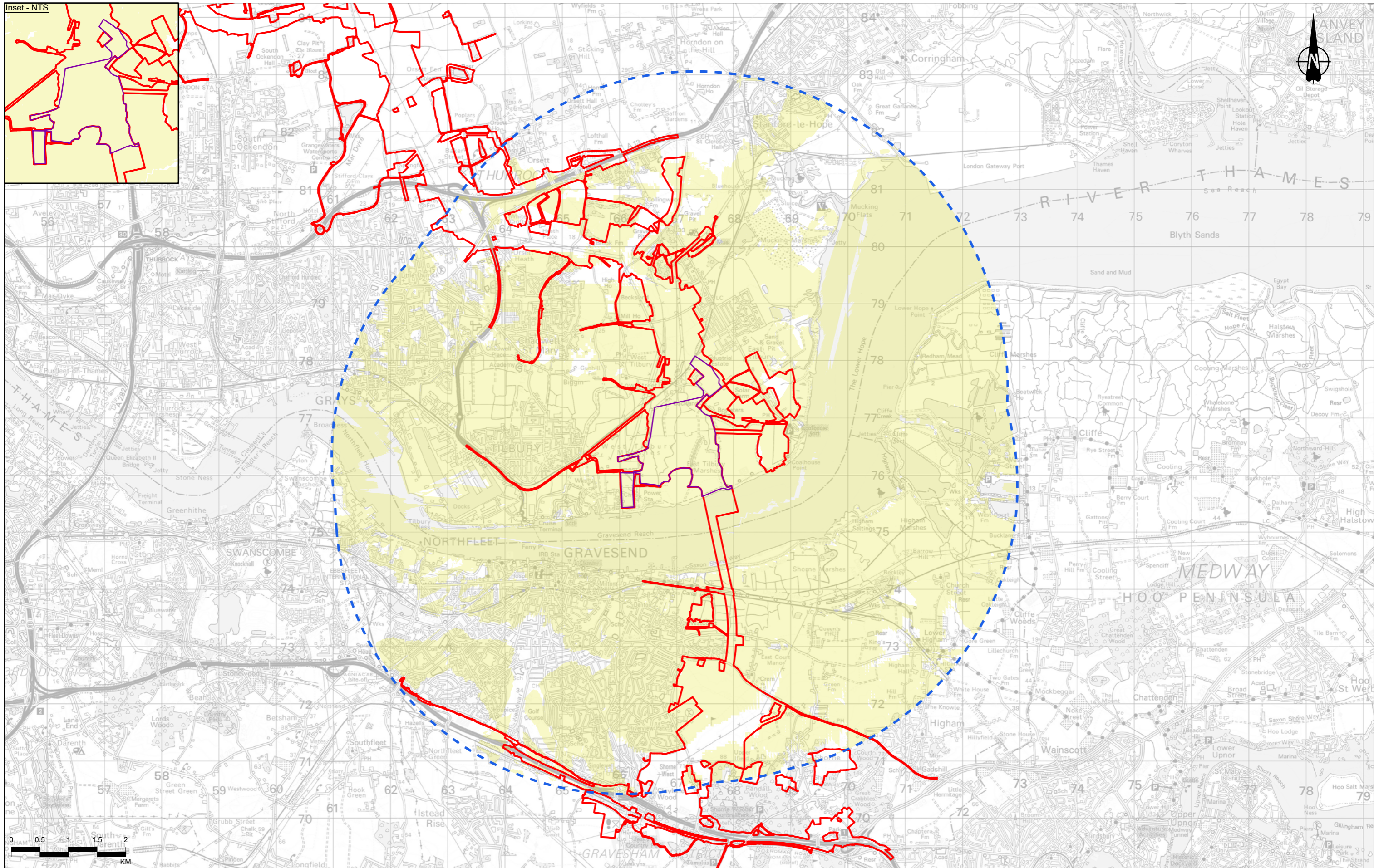
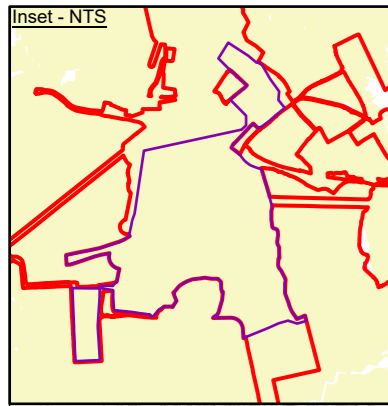
- The Zone of Theoretical Visibility (ZTV) was created using Esri ArcGIS (Visibility Tool). It is based on the combined 5m Digital Terrain Model (DTM). This has been compiled from data received from National Highways.
- The ZTV illustrates the area of theoretical visibility of the proposed elements of the Project and a view height of 2m and is limited to a 5km study area.
- This figure shows theoretical visibility and therefore the worst case extent to which the Project could be visible from the surrounding landscape. The actual extent of visibility is likely to be substantially less than shown on this figure, in particular within urban areas where with the exception of settlement edges, outward views are typically screened by existing buildings or other features.



Client: national highways

Project: **LOWER THAMES CROSSING**

Status	DCO APPLICATION	Original Size	Revision
Application Document Number	TR010032/APP/6.2	A3	P03
Scale	1:60,000		
Drawing Title	Figure 7.8 - ZTV - 5km DTM Analysis of Main Construction Compounds - Southern tunnel entrance compound (Visibility of max 25m high operations) Page 11 of 50		
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50027		



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

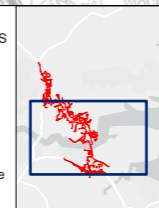
P03	S8	09/08/2022	DCO Application	RG	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Checked	Approved

- Legend**
- Order Limits
 - Northern Tunnel Compound
 - 5km offset from construction compound

Area identifying combined visibility of all anticipated construction operations within Medebridge compound

Notes:

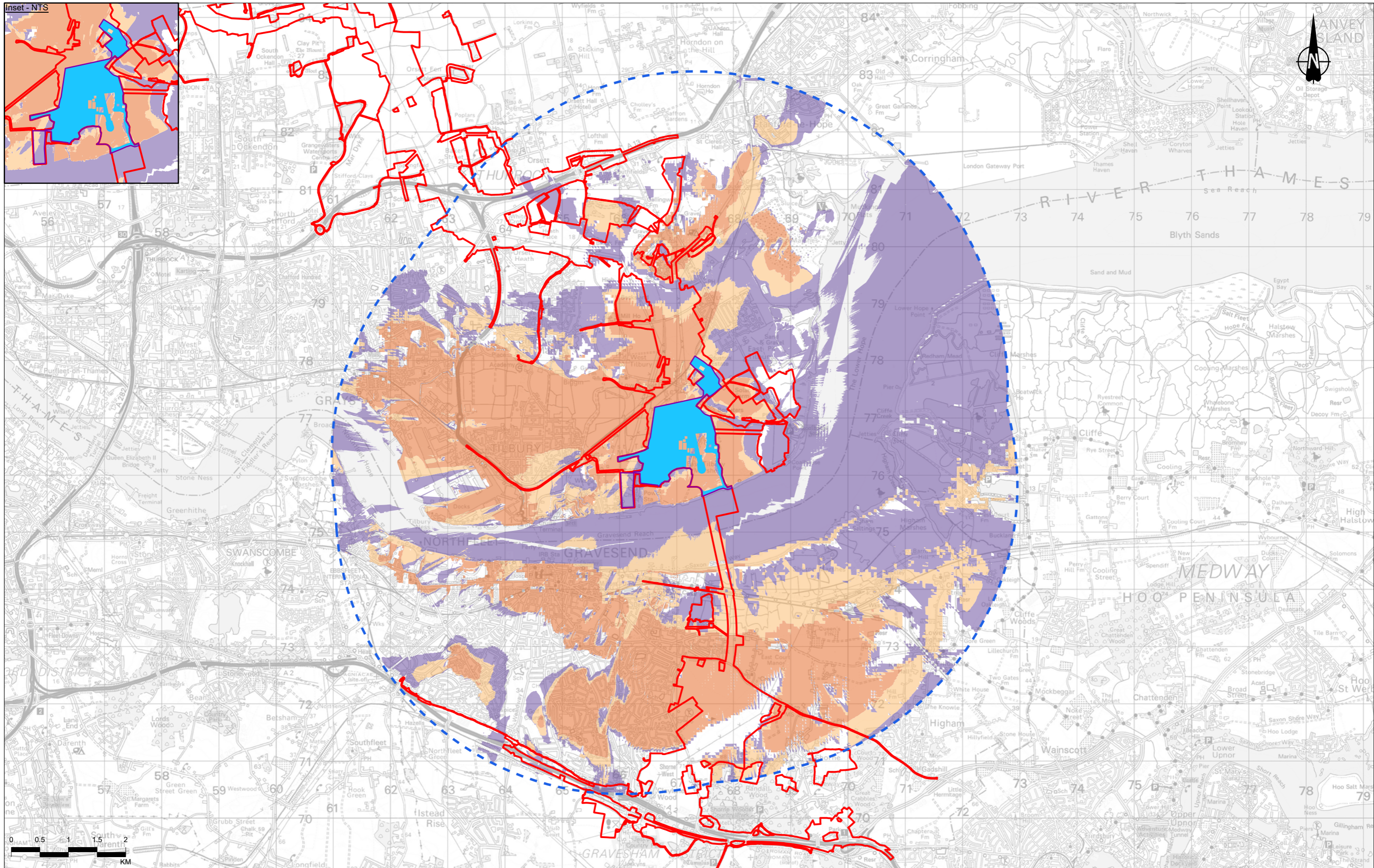
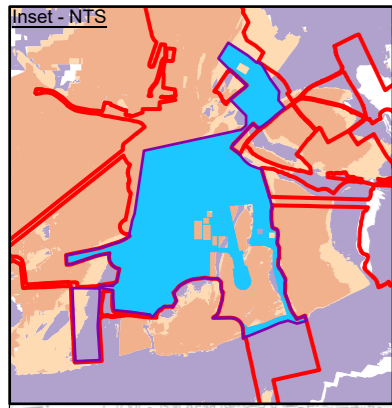
- The Zone of Theoretical Visibility (ZTV) was created using Esri ArcGIS (Visibility Tool). It is based on the combined 5m Digital Terrain Model (DTM). This has been compiled from data received from National Highways.
- The ZTV illustrates the area of theoretical visibility of the proposed elements of the Project and a view height of 2m and is limited to a 5km study area.
- This figure shows theoretical visibility and therefore the worst case extent to which the Project could be visible from the surrounding landscape. The actual extent of visibility is likely to be substantially less than shown on this figure, in particular within urban areas where with the exception of settlement edges, outward views are typically screened by existing buildings or other features.



Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	DCO APPLICATION	Original Size	A3	Revision	P03
Application Document Number	TR010032/APP/6.2	Scale	1:60,000		
Drawing Title	Figure 7.8 - ZTV - 5km DTM Analysis of Main Construction Compounds - Northern tunnel entrance compound (Overview) Page 12 of 50				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE00000000-DR-LE-50027				



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

P03	S8	09/08/2022	DCO Application	RG	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprvd

Legend

- Order Limits
- Northern Tunnel Compound
- 5km offset from construction compound
- Northern portal compound - max 6m high operations
- Area identifying 1 - 33% of operations visible
- Area identifying 34 - 66% of operations visible
- Area identifying 67 - 100% of operations visible

Notes:

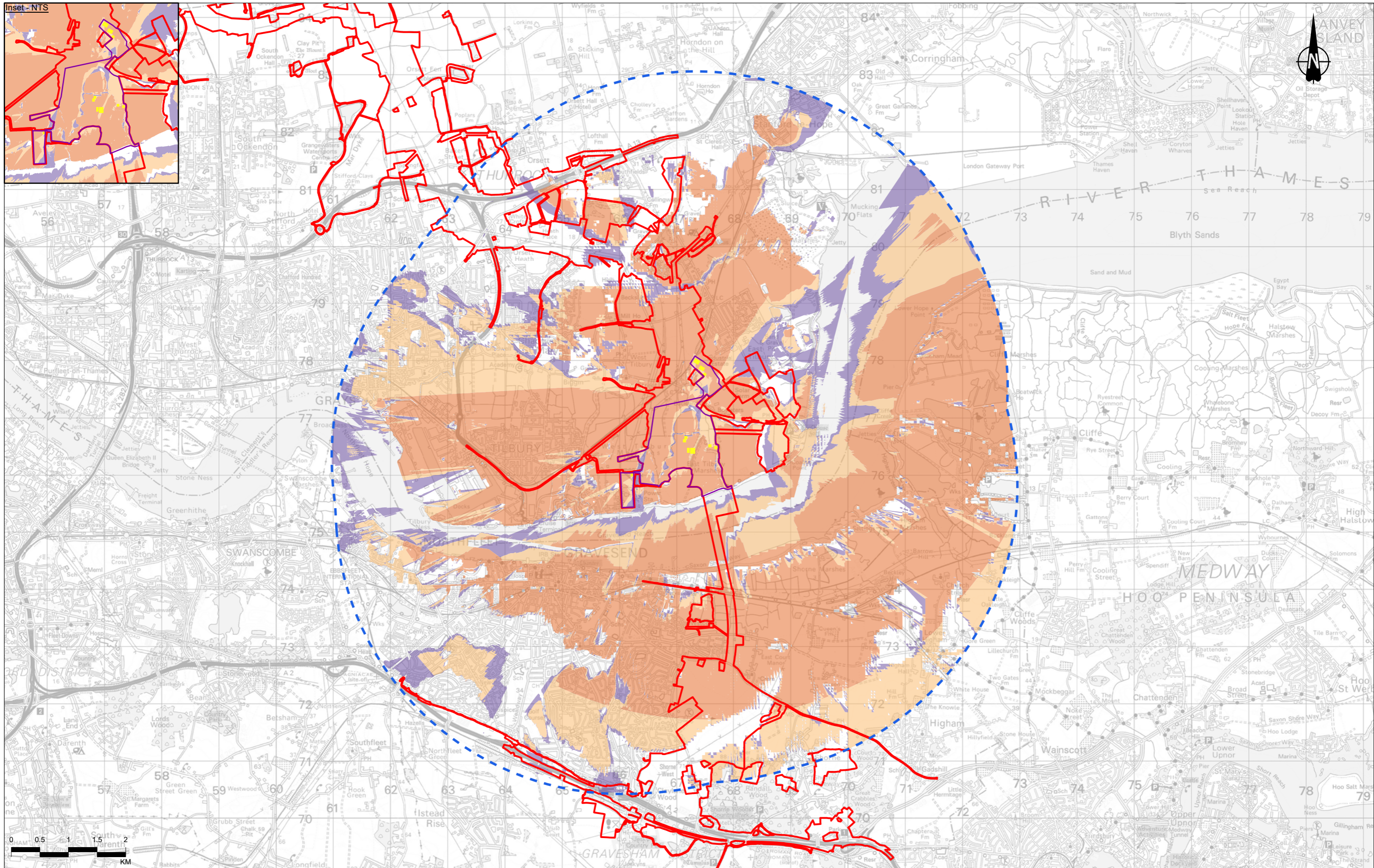
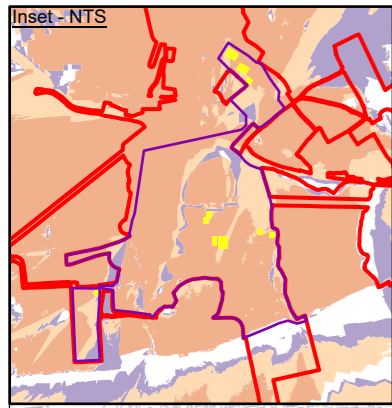
- The Zone of Theoretical Visibility (ZTV) was created using Esri ArcGIS (Visibility Tool). It is based on the combined 5m Digital Terrain Model (DTM). This has been compiled from data received from National Highways.
- The ZTV illustrates the area of theoretical visibility of the proposed elements of the Project and a view height of 2m and is limited to a 5km study area.
- This figure shows theoretical visibility and therefore the worst case extent to which the Project could be visible from the surrounding landscape. The actual extent of visibility is likely to be substantially less than shown on this figure, in particular within urban areas where with the exception of settlement edges, outward views are typically screened by existing buildings or other features.



Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	DCO APPLICATION	Original Size	A3	Revision	P03
Application Document Number	TR010032/APP/6.2	Scale	1:60,000		
Drawing Title	Figure 7.8 - ZTV - 5km DTM Analysis of Main Construction Compounds - Northern tunnel entrance compound (Visibility of max 6m high operations) Page 13 of 50				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE00000000-DR-LE-50027				



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

P03	S8	09/08/2022	DCO Application	RG	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprvd

Legend

- Order Limits
- Northern Tunnel Compound
- 5km offset from construction compound
- Northern portal compound - max 15m high operations
- Area identifying 1 - 33% of operations visible
- Area identifying 34 - 66% of operations visible
- Area identifying 67 - 100% of operations visible

Notes:

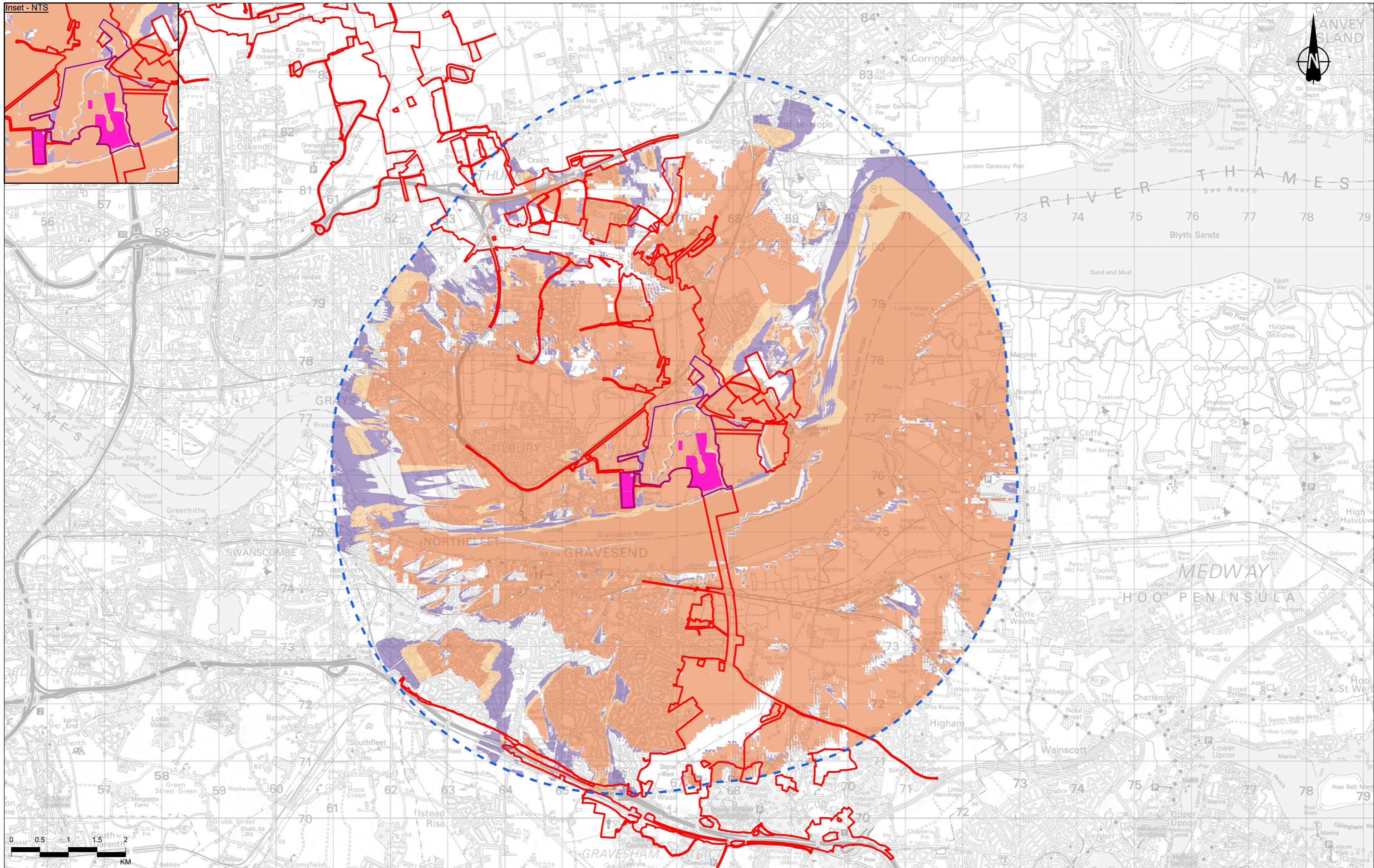
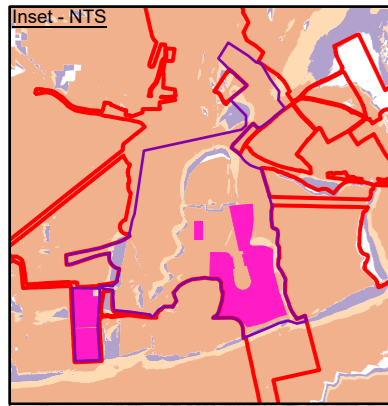
- The Zone of Theoretical Visibility (ZTV) was created using Esri ArcGIS (Visibility Tool). It is based on the combined 5m Digital Terrain Model (DTM). This has been compiled from data received from National Highways.
- The ZTV illustrates the area of theoretical visibility of the proposed elements of the Project and a view height of 2m and is limited to a 5km study area.
- This figure shows theoretical visibility and therefore the worst case extent to which the Project could be visible from the surrounding landscape. The actual extent of visibility is likely to be substantially less than shown on this figure, in particular within urban areas where with the exception of settlement edges, outward views are typically screened by existing buildings or other features.



Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	DCO APPLICATION	Original Size	A3	Revision	P03
Application Document Number	TR010032/APP/6.2	Scale	1:60,000		
Drawing Title	Figure 7.8 - ZTV - 5km DTM Analysis of Main Construction Compounds - Northern tunnel entrance compound (Visibility of max 15m high operations) Page 14 of 50				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE00000000-DR-LE-50027				



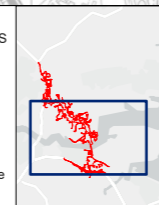
Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

P03	S8	09/08/2022	DCO Application	RG	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprvd

Legend	
	Order Limits
	Northern Tunnel Compound
	5km offset from construction compound
	Northern portal compound - max 25m high operations
	Area identifying 1 - 33% of operations visible
	Area identifying 34 - 66% of operations visible
	Area identifying 67 - 100% of operations visible

Notes:

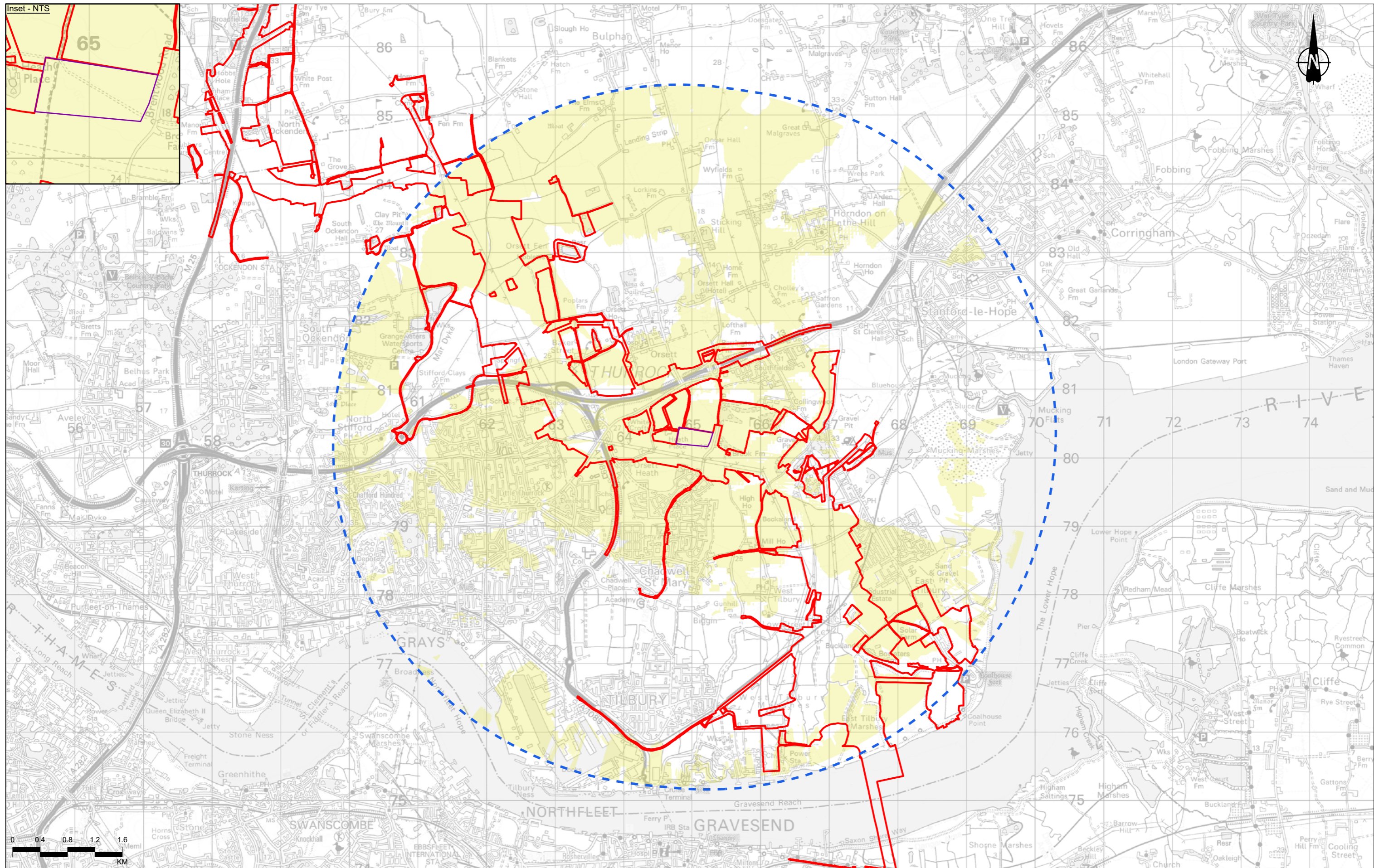
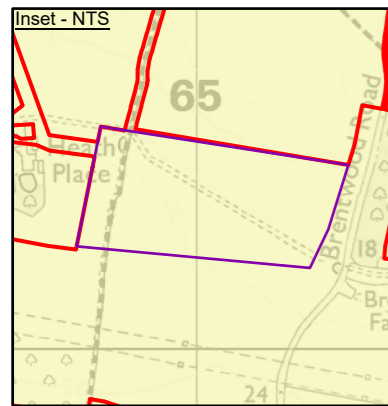
- The Zone of Theoretical Visibility (ZTV) was created using Esri ArcGIS (Visibility Tool). It is based on the combined 5m Digital Terrain Model (DTM). This has been compiled from data received from National Highways.
- The ZTV illustrates the area of theoretical visibility of the proposed elements of the Project and a view height of 2m and is limited to a 5km study area.
- This figure shows theoretical visibility and therefore the worst case extent to which the Project could be visible from the surrounding landscape. The actual extent of visibility is likely to be substantially less than shown on this figure, in particular within urban areas where with the exception of settlement edges, outward views are typically screened by existing buildings or other features.



Client:

Project: **LOWER THAMES CROSSING**

Status	DCO APPLICATION	Original Size	A3	Revision	P03
Application Document Number	TR010032/APP/6.2	Scale	1:60,000		
Drawing Title	Figure 7.8 - ZTV - 5km DTM Analysis of Main Construction Compounds - Northern tunnel entrance compound (Visibility of max 25m high operations) Page 15 of 50				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50027				



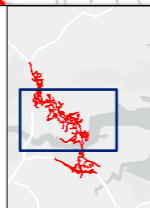
PO3	S8	09/08/2022	DCO Application	RG	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprvd

Legend

- Order Limits
- Brentwood Road compound
- 5km offset from construction compound
- Area identifying combined visibility of all anticipated construction operations within Brentwood Road compound

Notes:

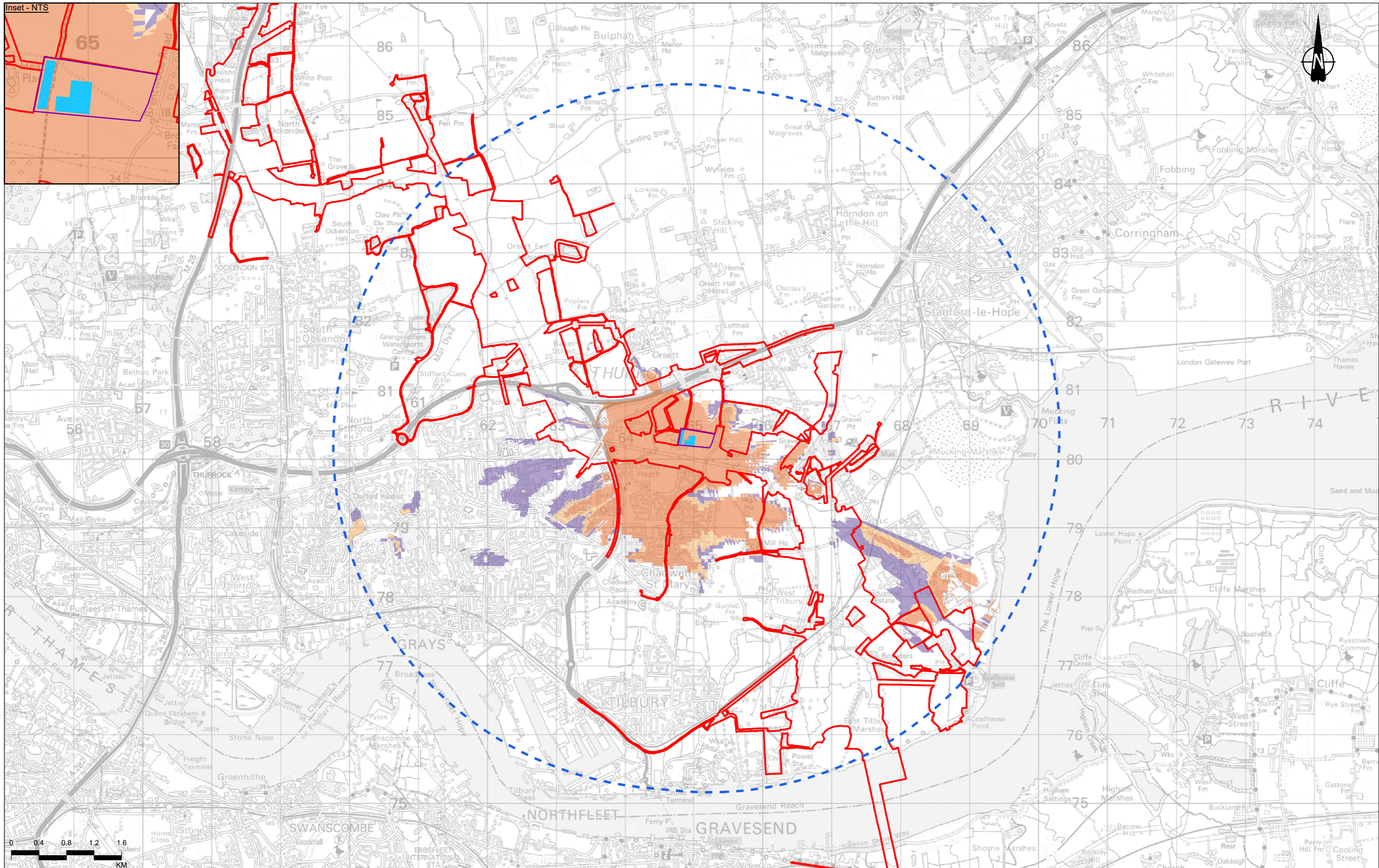
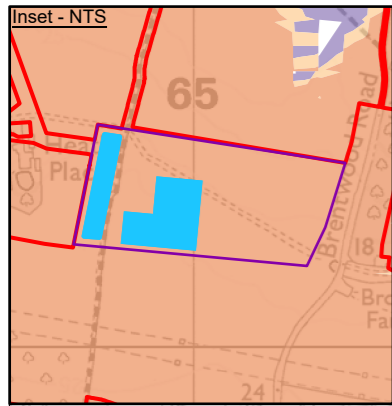
- The Zone of Theoretical Visibility (ZTV) was created using Esri ArcGIS (Visibility Tool). It is based on the combined 5m Digital Terrain Model (DTM). This has been compiled from data received from National Highways.
- The ZTV illustrates the area of theoretical visibility of the proposed elements of the Project and a view height of 2m and is limited to a 5km study area.
- This figure shows theoretical visibility and therefore the worst case extent to which the Project could be visible from the surrounding landscape. The actual extent of visibility is likely to be substantially less than shown on this figure, in particular within urban areas where with the exception of settlement edges, outward views are typically screened by existing buildings or other features.



Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	DCO APPLICATION	Original Size	A3	Revision	P03
Application Document Number	TR010032/APP/6.2	Scale	1:50,000		
Drawing Title	Figure 7.8 - ZTV - 5km DTM Analysis of Main Construction Compounds - Brentwood Road compound (Overview) Page 16 of 50				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50027				



PO3	S8	09/08/2022	DCO Application	RG	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprvd

Legend

- Order Limits
- Brentwood Road compound
- 5km offset from construction compound
- Brentwood Road compound - max 6m high operations

Zone of Theoretical Visibility (ZTV):
Theoretical visibility of max 6m high operations within Brentwood Road compound

- Area identifying 1 - 33% of operations visible
- Area identifying 34 - 66% of operations visible
- Area identifying 67 - 100% of operations visible

Notes:

- The Zone of Theoretical Visibility (ZTV) was created using Esri ArcGIS (Visibility Tool). It is based on the combined 5m Digital Terrain Model (DTM). This has been compiled from data received from National Highways.
- The ZTV illustrates the area of theoretical visibility of the proposed elements of the Project and a view height of 2m and is limited to a 5km study area.
- This figure shows theoretical visibility and therefore the worst case extent to which the Project could be visible from the surrounding landscape. The actual extent of visibility is likely to be substantially less than shown on this figure, in particular within urban areas where with the exception of settlement edges, outward views are typically screened by existing buildings or other features.

Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status: **DCO APPLICATION**

Application Document Number: **TR010032/APP/6.2**

Drawing Title: **Figure 7.8 - ZTV - 5km DTM Analysis of Main Construction Compounds - Brentwood Road compound (Visibility of max 6m high operations)**

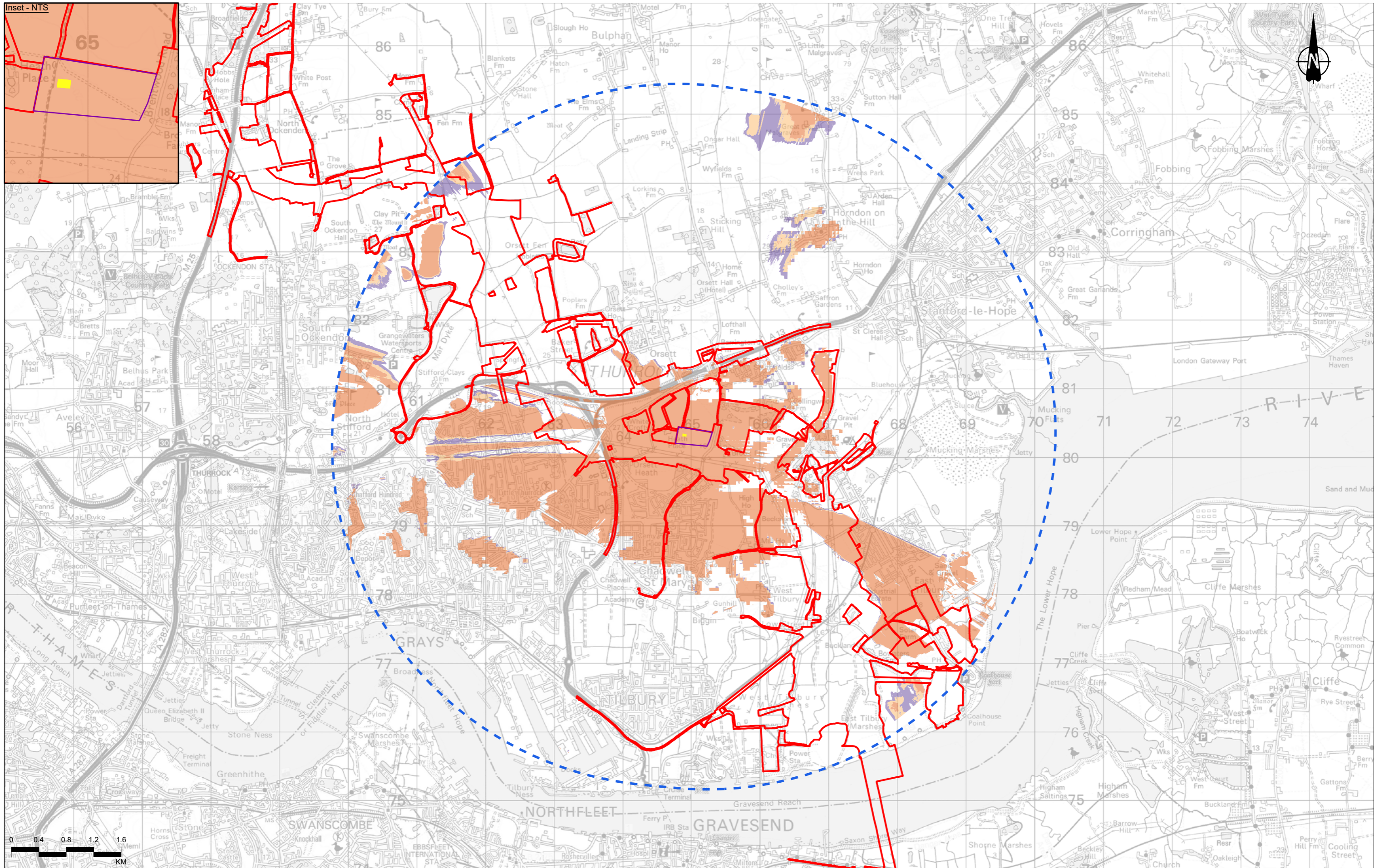
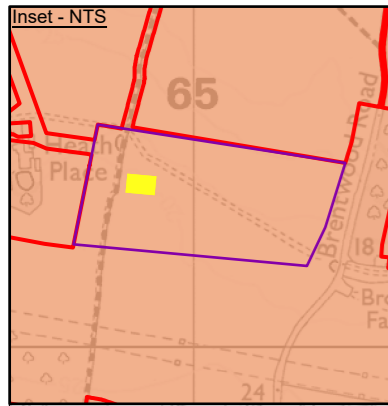
Page 17 of 50

Drawing Number: **HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50027**

Original Size: **A3**

Revision: **P03**

Scale: **1:50,000**



PO3	S8	09/08/2022	DCO Application	RG	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprvd

Legend	
	Order Limits
	Brentwood Road compound
	5km offset from construction compound
	Brentwood Road compound - max 15m high operations

Zone of Theoretical Visibility (ZTV): Theoretical visibility of max 15m high operations within Brentwood Road compound	
	Area identifying 1 - 33% of operations visible
	Area identifying 34 - 66% of operations visible
	Area identifying 67 - 100% of operations visible

Notes:

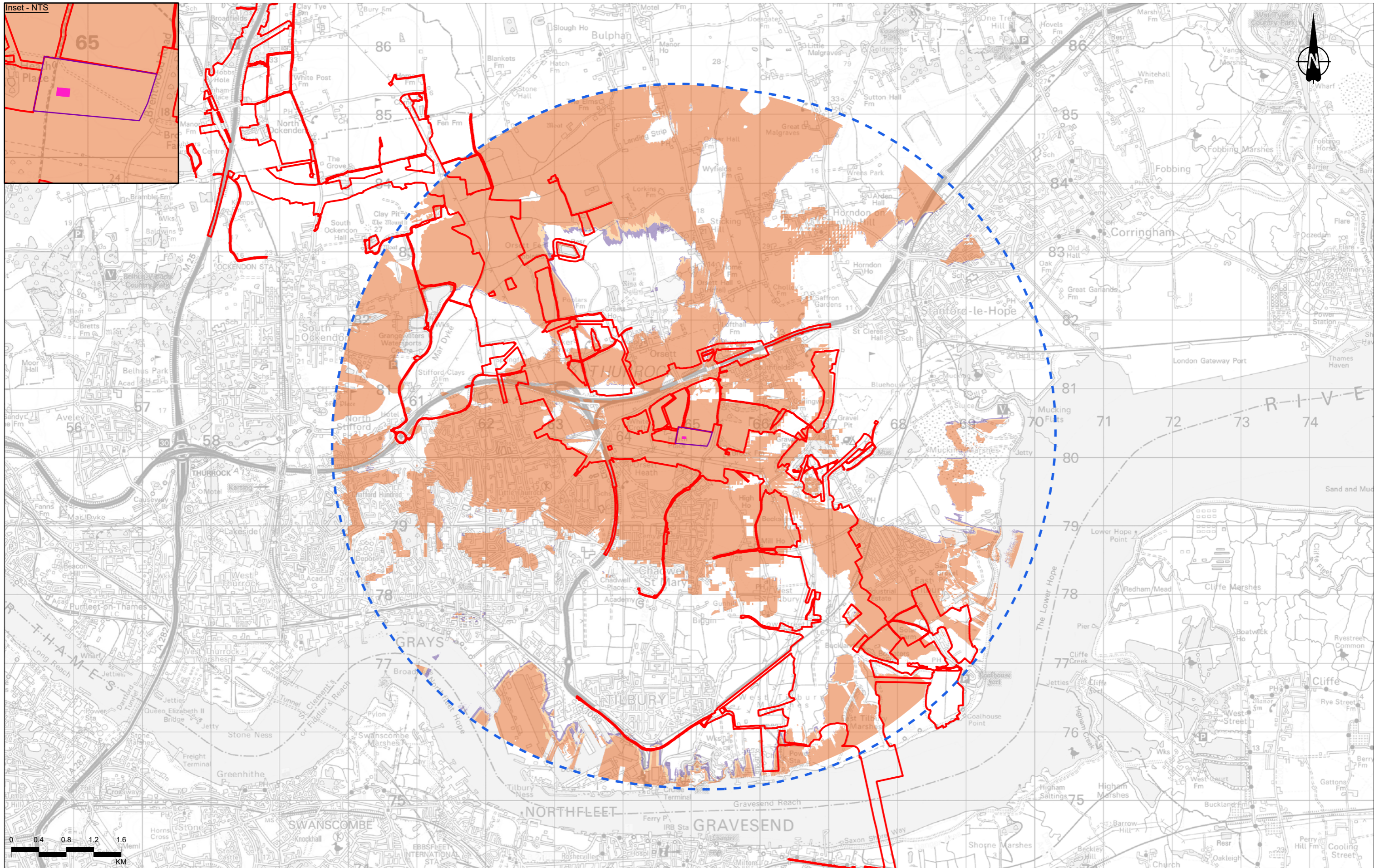
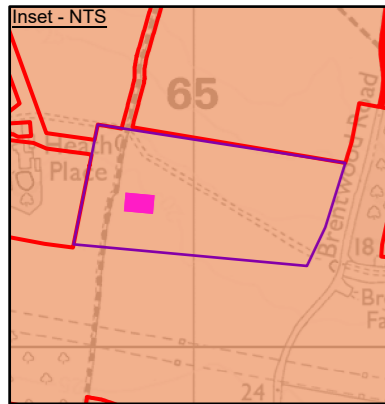
- The Zone of Theoretical Visibility (ZTV) was created using Esri ArcGIS (Visibility Tool). It is based on the combined 5m Digital Terrain Model (DTM). This has been compiled from data received from National Highways.
- The ZTV illustrates the area of theoretical visibility of the proposed elements of the Project and a view height of 2m and is limited to a 5km study area.
- This figure shows theoretical visibility and therefore the worst case extent to which the Project could be visible from the surrounding landscape. The actual extent of visibility is likely to be substantially less than shown on this figure, in particular within urban areas where with the exception of settlement edges, outward views are typically screened by existing buildings or other features.



Client: national highways

Project: LOWER THAMES CROSSING

Status	DCO APPLICATION	Original Size	A3	Revision	P03
Application Document Number	TR010032/APP/6.2	Scale	1:50,000		
Drawing Title	Figure 7.8 - ZTV - 5km DTM Analysis of Main Construction Compounds - Brentwood Road compound (Visibility of max 15m high operations) Page 18 of 50				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE00000000-DR-LE-50027				



PO3	S8	09/08/2022	DCO Application	RG	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprvd

Legend	
	Order Limits
	Brentwood Road compound
	5km offset from construction compound
	Brentwood Road compound - max 25m high operations

Zone of Theoretical Visibility (ZTV): Theoretical visibility of max 25m high operations within Brentwood Road compound	
	Area identifying 1 - 33% of operations visible
	Area identifying 34 - 66% of operations visible
	Area identifying 67 - 100% of operations visible

Notes:

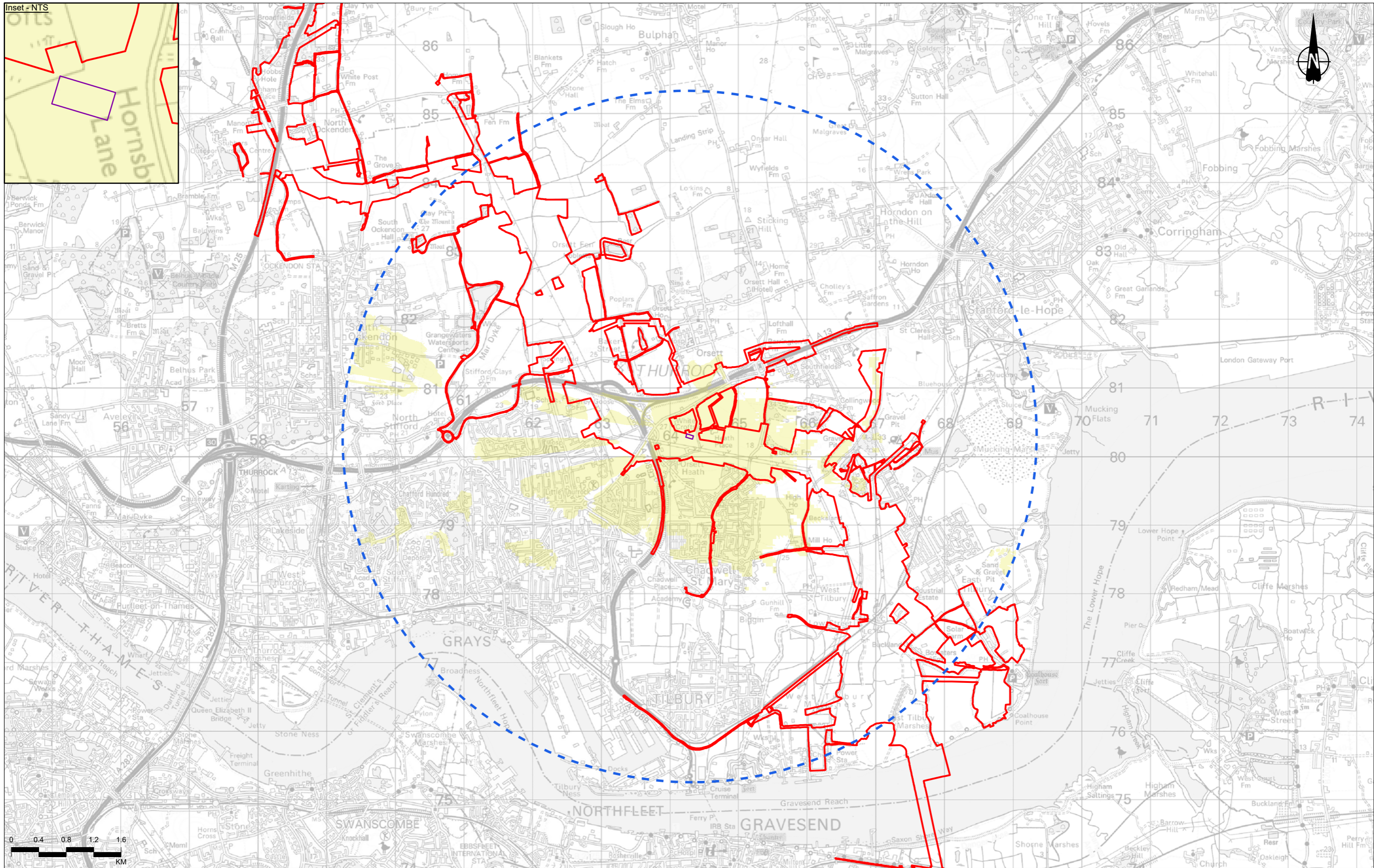
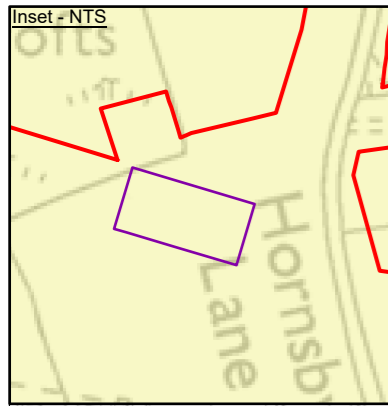
1. The Zone of Theoretical Visibility (ZTV) was created using Esri ArcGIS (Visibility Tool). It is based on the combined 5m Digital Terrain Model (DTM). This has been compiled from data received from National Highways.
2. The ZTV illustrates the area of theoretical visibility of the proposed elements of the Project and a view height of 2m and is limited to a 5km study area.
3. This figure shows theoretical visibility and therefore the worst case extent to which the Project could be visible from the surrounding landscape. The actual extent of visibility is likely to be substantially less than shown on this figure, in particular within urban areas where with the exception of settlement edges, outward views are typically screened by existing buildings or other features.



Client:

Project: **LOWER THAMES CROSSING**

Status	DCO APPLICATION	Original Size	A3	Revision	P03
Application Document Number	TR010032/APP/6.2	Scale	1:50,000		
Drawing Title	Figure 7.8 - ZTV - 5km DTM Analysis of Main Construction Compounds - Brentwood Road compound (Visibility of max 25m high operations) Page 19 of 50				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50027				



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprvd
P03	S8	09/08/2022	DCO Application	RG	SK	BF

Legend

	Order Limits
	Stanford Road compound
	5km offset from construction compound
	Area identifying combined visibility of all anticipated construction operations within Stanford Road compound

Notes:

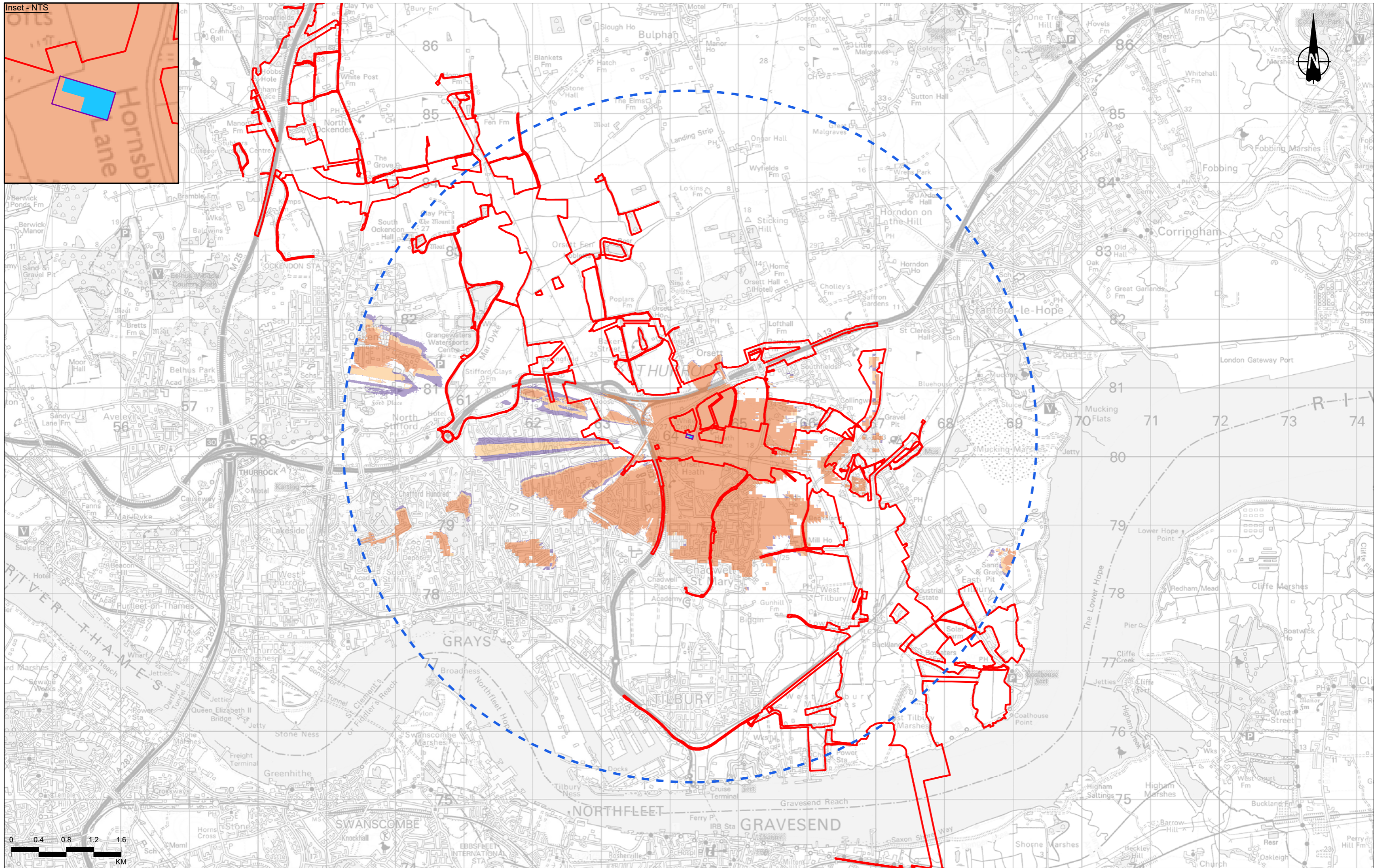
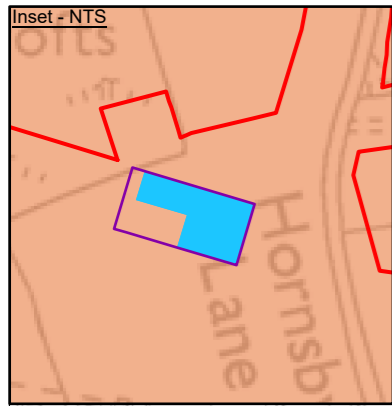
- The Zone of Theoretical Visibility (ZTV) was created using Esri ArcGIS (Visibility Tool). It is based on the combined 5m Digital Terrain Model (DTM). This has been compiled from data received from National Highways.
- The ZTV illustrates the area of theoretical visibility of the proposed elements of the Project and a view height of 2m and is limited to a 5km study area.
- This figure shows theoretical visibility and therefore the worst case extent to which the Project could be visible from the surrounding landscape. The actual extent of visibility is likely to be substantially less than shown on this figure, in particular within urban areas where with the exception of settlement edges, outward views are typically screened by existing buildings or other features.



Client:

Project: **LOWER THAMES CROSSING**

Status	DCO APPLICATION	Original Size	A3	Revision	P03
Application Document Number	TR010032/APP/6.2	Scale	1:50,000		
Drawing Title	Figure 7.8 - ZTV - 5km DTM Analysis of Main Construction Compounds - Stanford Road compound (Overview) Page 20 of 50				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE00000000-DR-LE-50027				



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprvd
P03	S8	09/08/2022	DCO Application	RG	SK	BF

Legend

- Order Limits
- Stanford Road compound
- 5km offset from construction compound
- Stanford Road compound - max 6m high operations

Zone of Theoretical Visibility (ZTV):
Theoretical visibility of max 6m high operations within Stanford Road compound

- Area identifying 1 - 33% of operations visible
- Area identifying 34 - 66% of operations visible
- Area identifying 67 - 100% of operations visible

Notes:

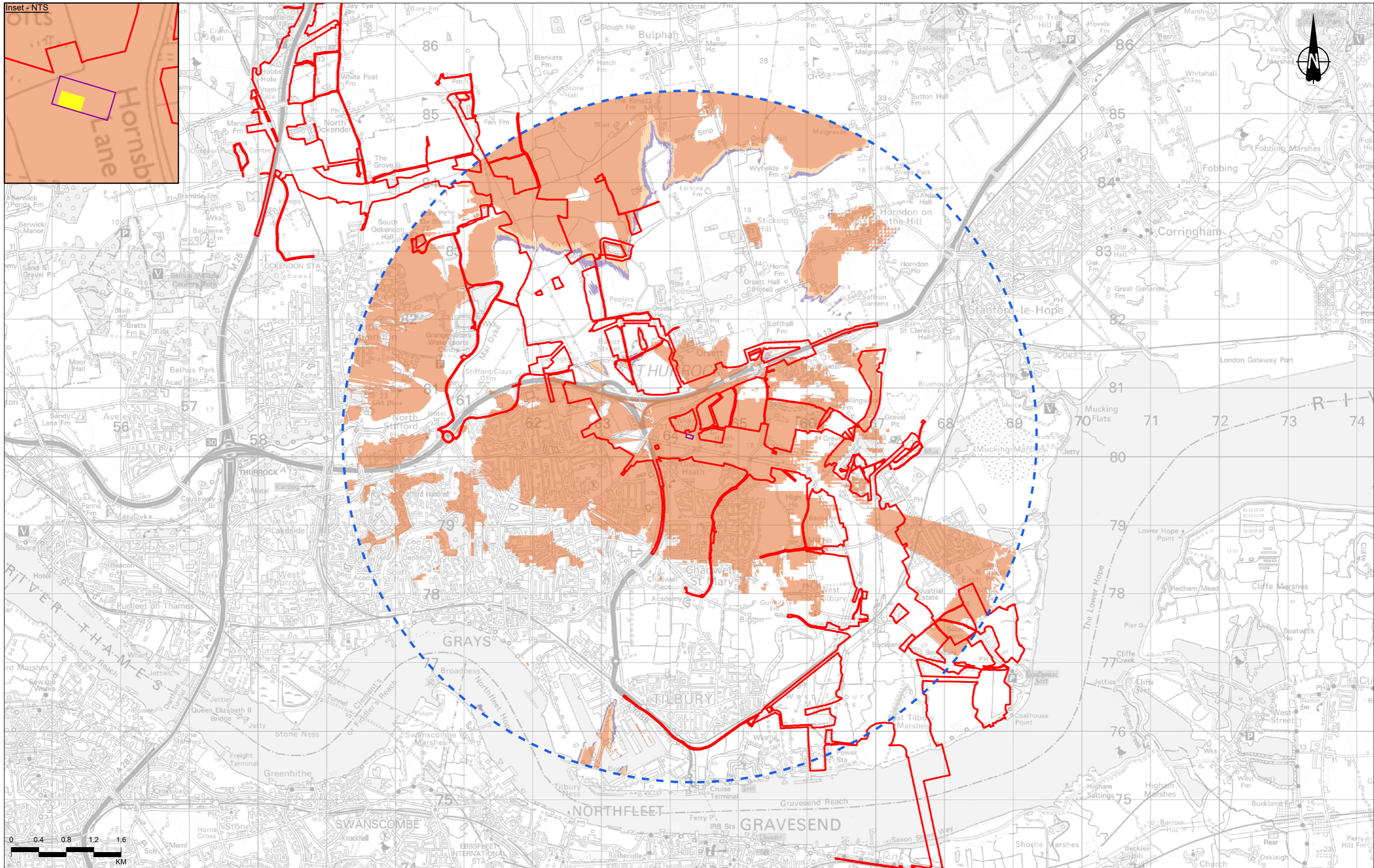
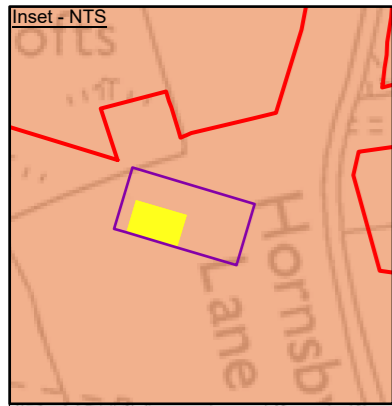
- The Zone of Theoretical Visibility (ZTV) was created using Esri ArcGIS (Visibility Tool). It is based on the combined 5m Digital Terrain Model (DTM). This has been compiled from data received from National Highways.
- The ZTV illustrates the area of theoretical visibility of the proposed elements of the Project and a view height of 2m and is limited to a 5km study area.
- This figure shows theoretical visibility and therefore the worst case extent to which the Project could be visible from the surrounding landscape. The actual extent of visibility is likely to be substantially less than shown on this figure, in particular within urban areas where with the exception of settlement edges, outward views are typically screened by existing buildings or other features.



Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	DCO APPLICATION	Original Size	A3	Revision	P03
Application Document Number	TR010032/APP/6.2	Scale	1:50,000		
Drawing Title	Figure 7.8 - ZTV - 5km DTM Analysis of Main Construction Compounds - Stanford Road compound (Visibility of max 6m high operations)				
	Page 21 of 50				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE00000000-DR-LE-50027				



0	0.4	0.8	1.2	1.6
KM				

Legend	
	Order Limits
	Stanford Road compound
	5km offset from construction compound
	Stanford Road compound - max 15m high operations

Zone of Theoretical Visibility (ZTV): Theoretical visibility of max 15m high operations within Stanford Road compound	
	Area identifying 1 - 33% of operations visible
	Area identifying 34 - 66% of operations visible
	Area identifying 67 - 100% of operations visible

Notes:

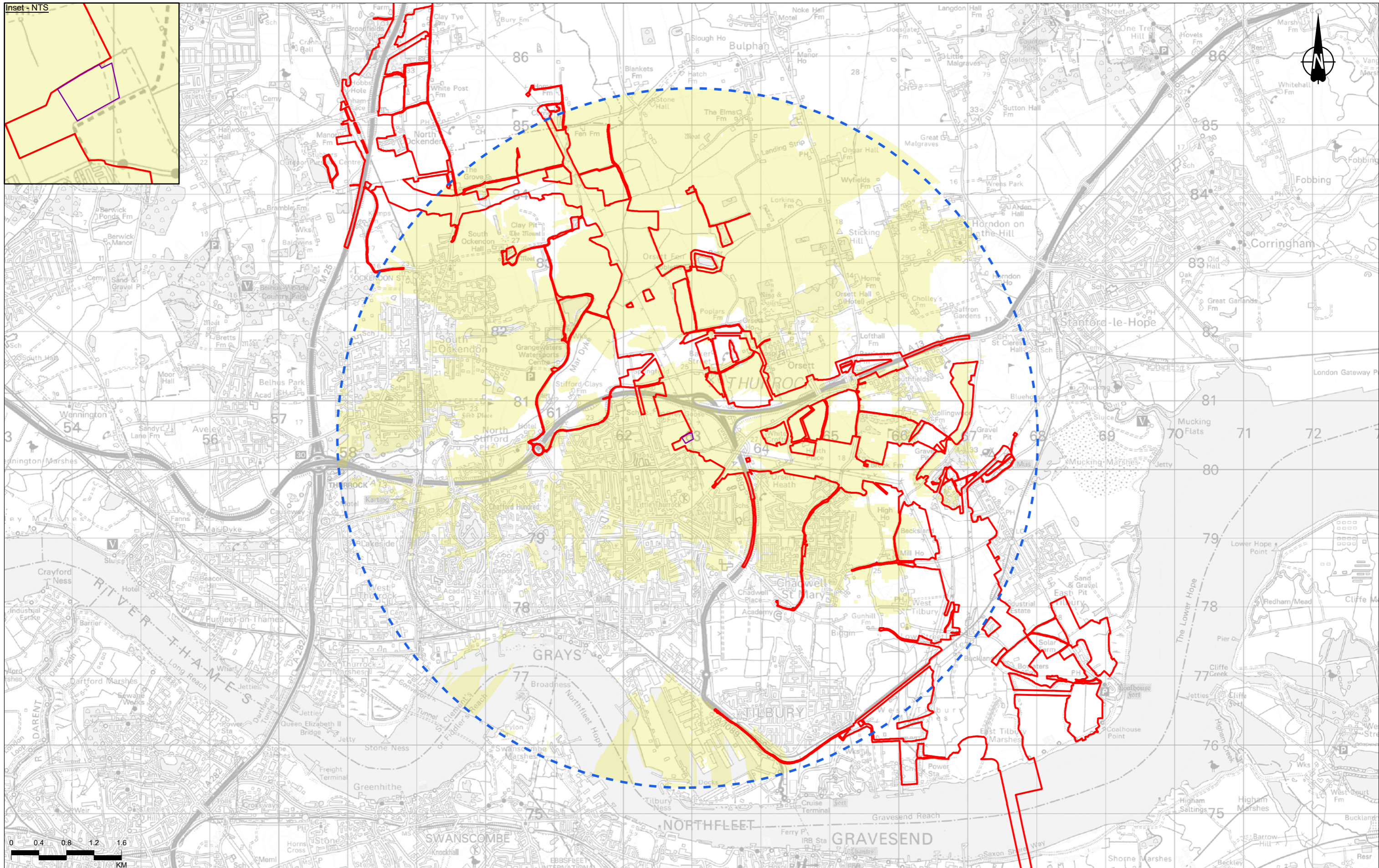
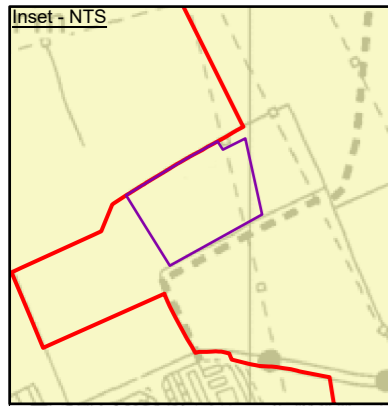
- The Zone of Theoretical Visibility (ZTV) was created using Esri ArcGIS (Visibility Tool). It is based on the combined 5m Digital Terrain Model (DTM). This has been compiled from data received from National Highways.
- The ZTV illustrates the area of theoretical visibility of the proposed elements of the Project and a view height of 2m and is limited to a 5km study area.
- This figure shows theoretical visibility and therefore the worst case extent to which the Project could be visible from the surrounding landscape. The actual extent of visibility is likely to be substantially less than shown on this figure, in particular within urban areas where with the exception of settlement edges, outward views are typically screened by existing buildings or other features.



Client
national highways

Project
LOWER THAMES CROSSING

Status	DCO APPLICATION	Original Size	A3	Revision	P03
Application Document Number	TR010032/APP/6.2	Scale	1:50,000		
Drawing Title	Figure 7.8 - ZTV - 5km DTM Analysis of Main Construction Compounds - Stanford Road compound (Visibility of max 15m high operations) Page 22 of 50				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE00000000-DR-LE-50027				



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649
P03 S8 09/08/2022 DCO Application RG SK BF
Rev Status Rev. Date Purpose of revision Drawn Chkd Apprvd

Legend

- Order Limits
- Long Lane B compound
- 5km offset from construction compound
- Area identifying combined visibility of all anticipated construction operations within Long Lane B compound

Notes:

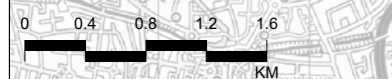
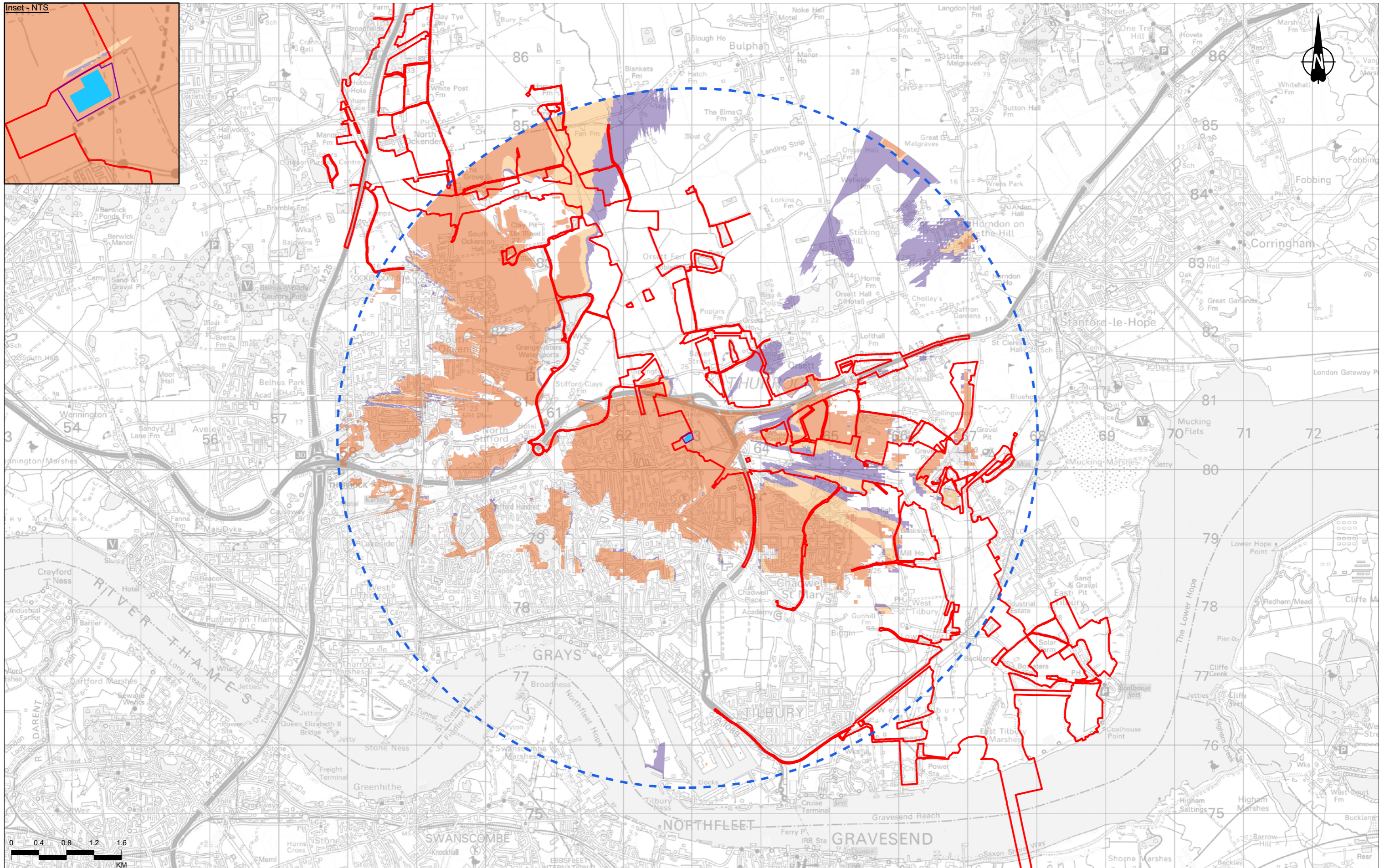
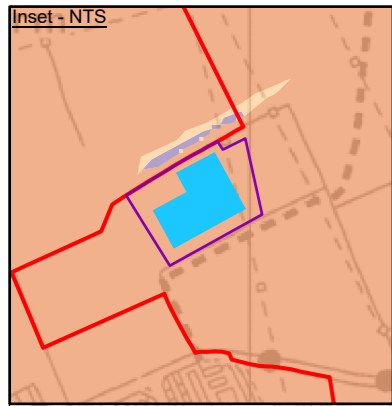
- The Zone of Theoretical Visibility (ZTV) was created using Esri ArcGIS (Visibility Tool). It is based on the combined 5m Digital Terrain Model (DTM). This has been compiled from data received from National Highways.
- The ZTV illustrates the area of theoretical visibility of the proposed elements of the Project and a view height of 2m and is limited to a 5km study area.
- This figure shows theoretical visibility and therefore the worst case extent to which the Project could be visible from the surrounding landscape. The actual extent of visibility is likely to be substantially less than shown on this figure, in particular within urban areas where with the exception of settlement edges, outward views are typically screened by existing buildings or other features.



Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	DCO APPLICATION	Original Size	A3	Revision	P03
Application Document Number	TR010032/APP/6.2	Scale	1:50,000		
Drawing Title	Figure 7.8 - ZTV - 5km DTM Analysis of Main Construction Compounds - Long Lane compound B (Overview) Page 23 of 50				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50027				



PO3	S8	09/08/2022	DCO Application	RG	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprvd

Legend

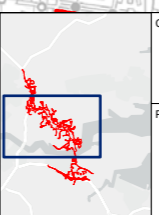
- Order Limits
- Long Lane B compound
- 5km offset from construction compound
- Long Lane B compound - max 6m high operations

Zone of Theoretical Visibility (ZTV):
Theoretical visibility of max 6m high operations within Long Lane B compound

- Area identifying 1 - 33% of operations visible
- Area identifying 34 - 66% of operations visible
- Area identifying 67 - 100% of operations visible

Notes:

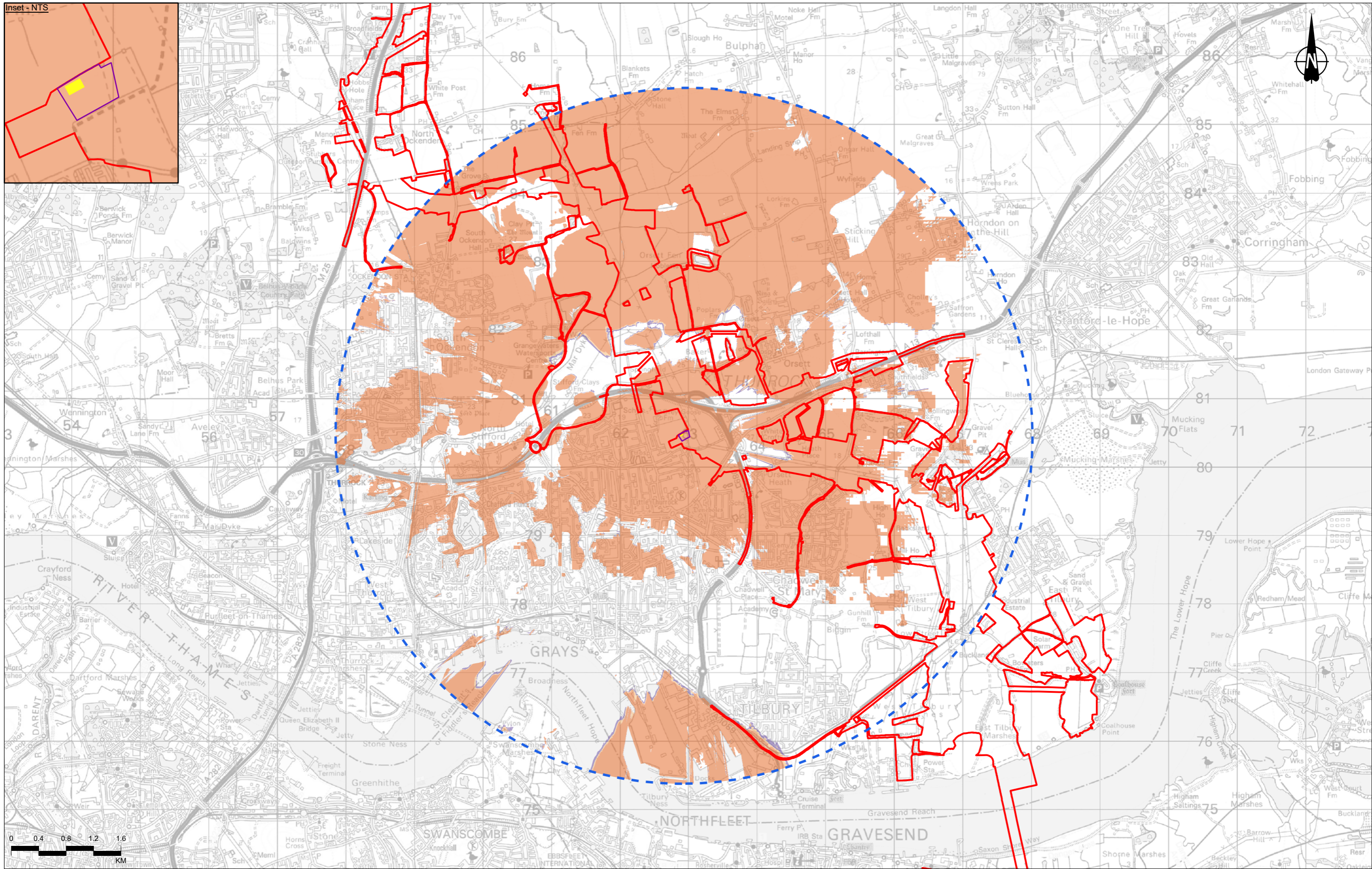
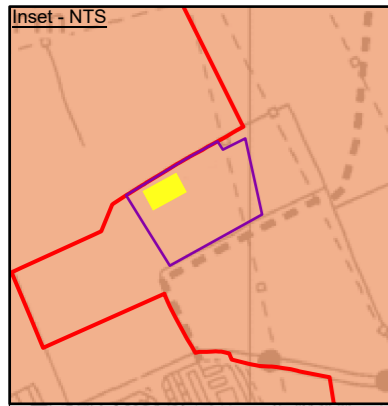
- The Zone of Theoretical Visibility (ZTV) was created using Esri ArcGIS (Visibility Tool). It is based on the combined 5m Digital Terrain Model (DTM). This has been compiled from data received from National Highways.
- The ZTV illustrates the area of theoretical visibility of the proposed elements of the Project and a view height of 2m and is limited to a 5km study area.
- This figure shows theoretical visibility and therefore the worst case extent to which the Project could be visible from the surrounding landscape. The actual extent of visibility is likely to be substantially less than shown on this figure, in particular within urban areas where with the exception of settlement edges, outward views are typically screened by existing buildings or other features.



Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	DCO APPLICATION	Original Size	A3	Revision	P03
Application Document Number	TR010032/APP/6.2	Scale	1:50,000		
Drawing Title	Figure 7.8 - ZTV - 5km DTM Analysis of Main Construction Compounds - Long Lane compound B (Visibility of max 6m high operations) Page 24 of 50				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50027				



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649
P03 S8 09/08/2022 DCO Application RG SK BF
Rev Status Rev. Date Purpose of revision Drawn Chkd Apprvd

Legend	
	Order Limits
	Long Lane B compound
	5km offset from construction compound
	Long Lane B compound - max 15m high operations

Zone of Theoretical Visibility (ZTV): Theoretical visibility of max 15m high operations within Long Lane B compound	
	Area identifying 1 - 33% of operations visible
	Area identifying 34 - 66% of operations visible
	Area identifying 67 - 100% of operations visible

Notes:

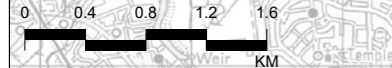
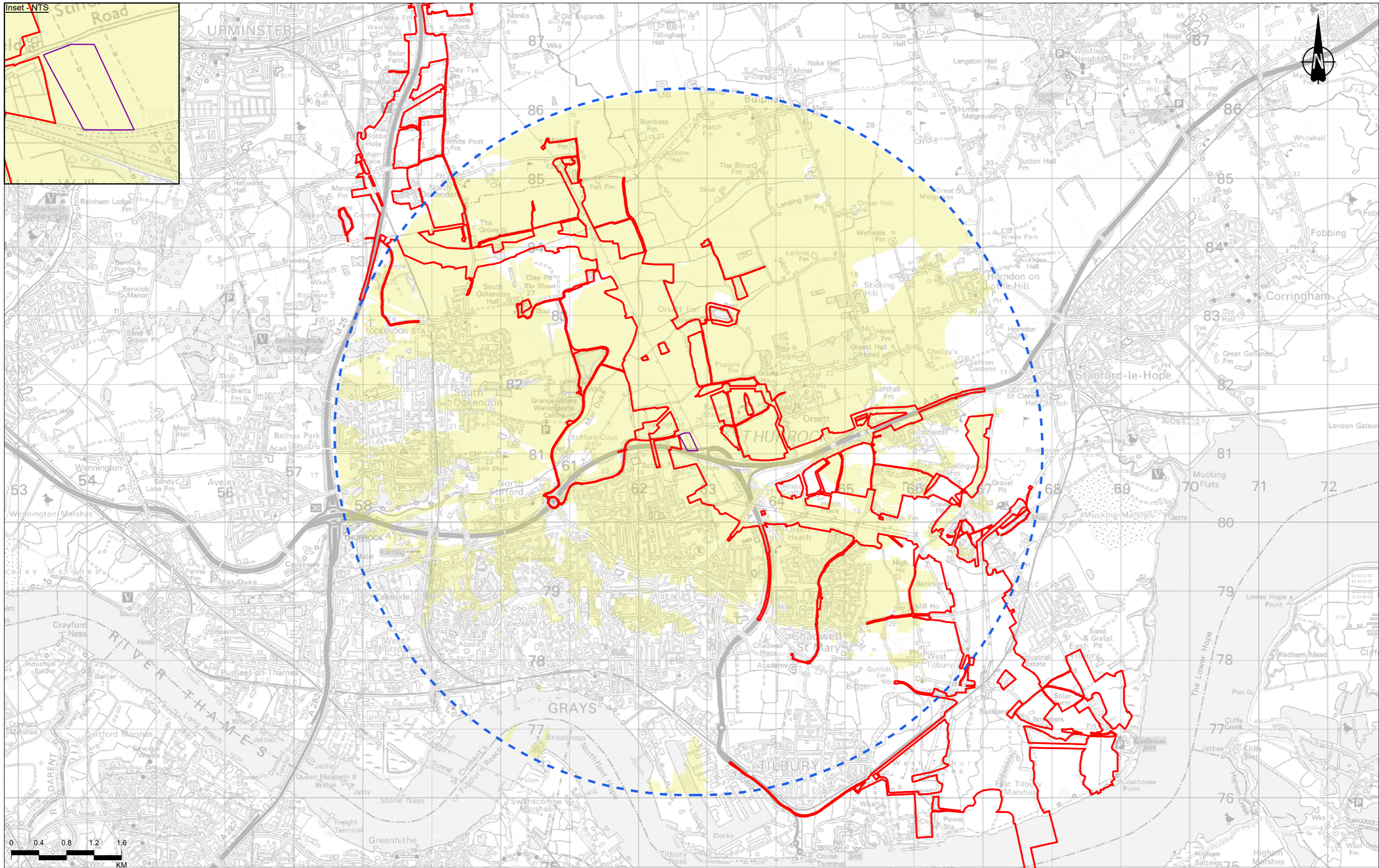
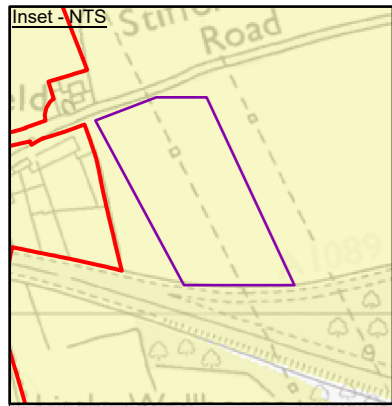
1. The Zone of Theoretical Visibility (ZTV) was created using Esri ArcGIS (Visibility Tool). It is based on the combined 5m Digital Terrain Model (DTM). This has been compiled from data received from National Highways.
2. The ZTV illustrates the area of theoretical visibility of the proposed elements of the Project and a view height of 2m and is limited to a 5km study area.
3. This figure shows theoretical visibility and therefore the worst case extent to which the Project could be visible from the surrounding landscape. The actual extent of visibility is likely to be substantially less than shown on this figure, in particular within urban areas where with the exception of settlement edges, outward views are typically screened by existing buildings or other features.



Client: national highways

Project: LOWER THAMES CROSSING

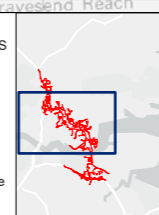
Status	DCO APPLICATION	Original Size	A3	Revision	P03
Application Document Number	TR010032/APP/6.2	Scale	1:50,000		
Drawing Title	Figure 7.8 - ZTV - 5km DTM Analysis of Main Construction Compounds - Long Lane compound B (Visibility of max 15m high operations) Page 25 of 50				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE00000000-DR-LE-50027				



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

- Legend**
- Order Limits
 - Stifford Clays compound West
 - 5km offset from construction compound
 - Area identifying combined visibility of all anticipated construction operations within Stifford Clays compound West

- Notes:**
1. The Zone of Theoretical Visibility (ZTV) was created using Esri ArcGIS (Visibility Tool). It is based on the combined 5m Digital Terrain Model (DTM). This has been compiled from data received from National Highways.
 2. The ZTV illustrates the area of theoretical visibility of the proposed elements of the Project and a view height of 2m and is limited to a 5km study area.
 3. This figure shows theoretical visibility and therefore the worst case extent to which the Project could be visible from the surrounding landscape. The actual extent of visibility is likely to be substantially less than shown on this figure, in particular within urban areas where with the exception of settlement edges, outward views are typically screened by existing buildings or other features.

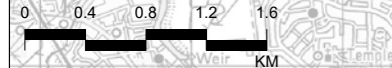
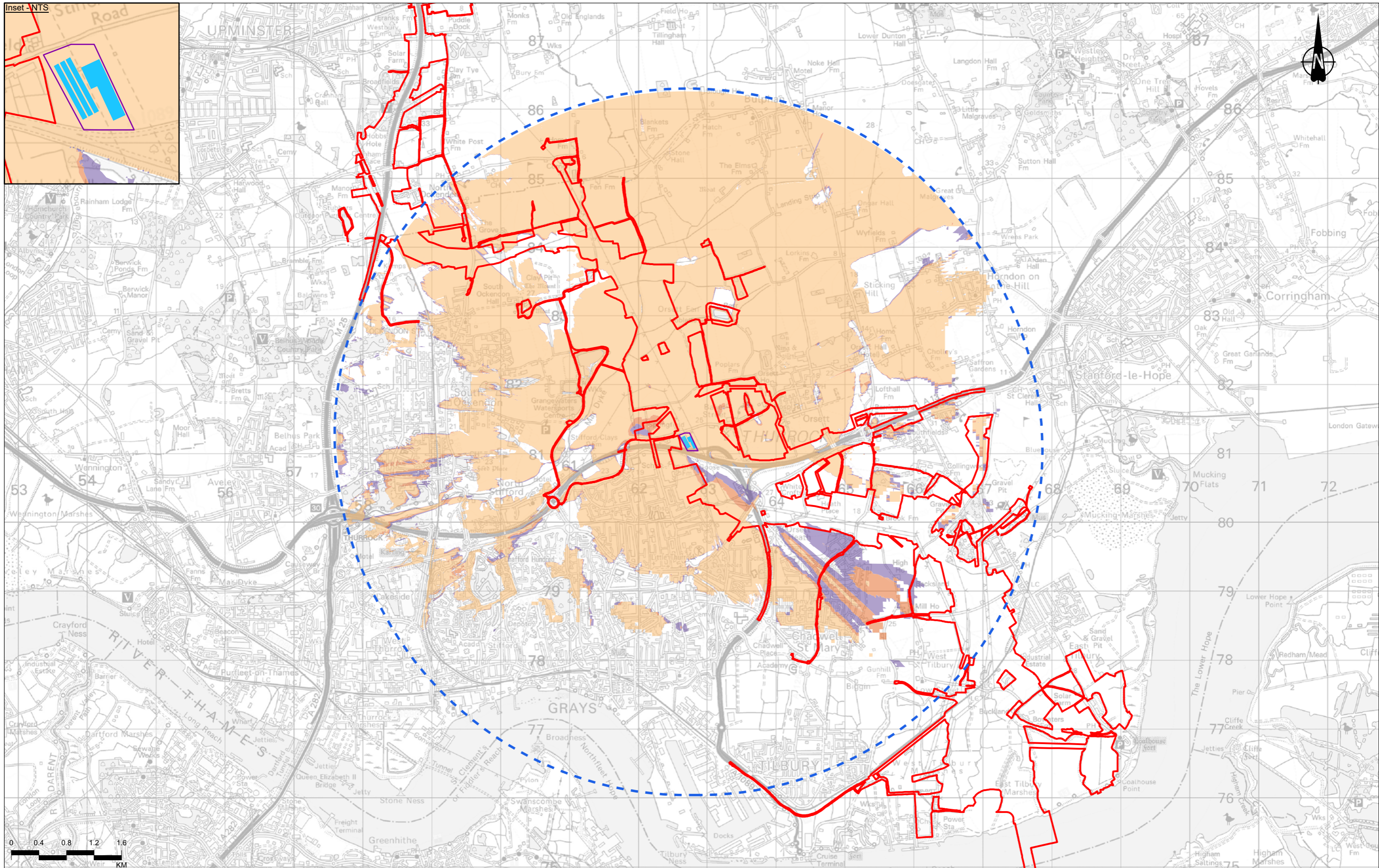
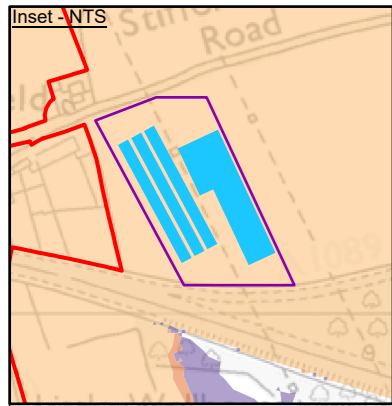


Client
national highways

Project
LOWER THAMES CROSSING

Status	DCO APPLICATION	Original Size	A3	Revision	P03
Application Document Number	TR010032/APP/6.2	Scale	1:50,000		
Drawing Title	Figure 7.8 - ZTV - 5km DTM Analysis of Main Construction Compounds - Stifford Clays Road compound West (Overview) Page 26 of 50				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE00000000-DR-LE-50027				

P03	S8	09/08/2022	DCO Application	RG	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprvd



PO3	S8	09/08/2022	DCO Application	RG	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprvd

Legend	
	Order Limits
	Stifford Clays compound West
	5km offset from construction compound
	Stifford Clays West compound - max 6m high operations

Zone of Theoretical Visibility (ZTV): Theoretical visibility of max 6m high operations within Stifford Clays compound West	
	Area identifying 1 - 33% of operations visible
	Area identifying 34 - 66% of operations visible
	Area identifying 67 - 100% of operations visible

Notes:

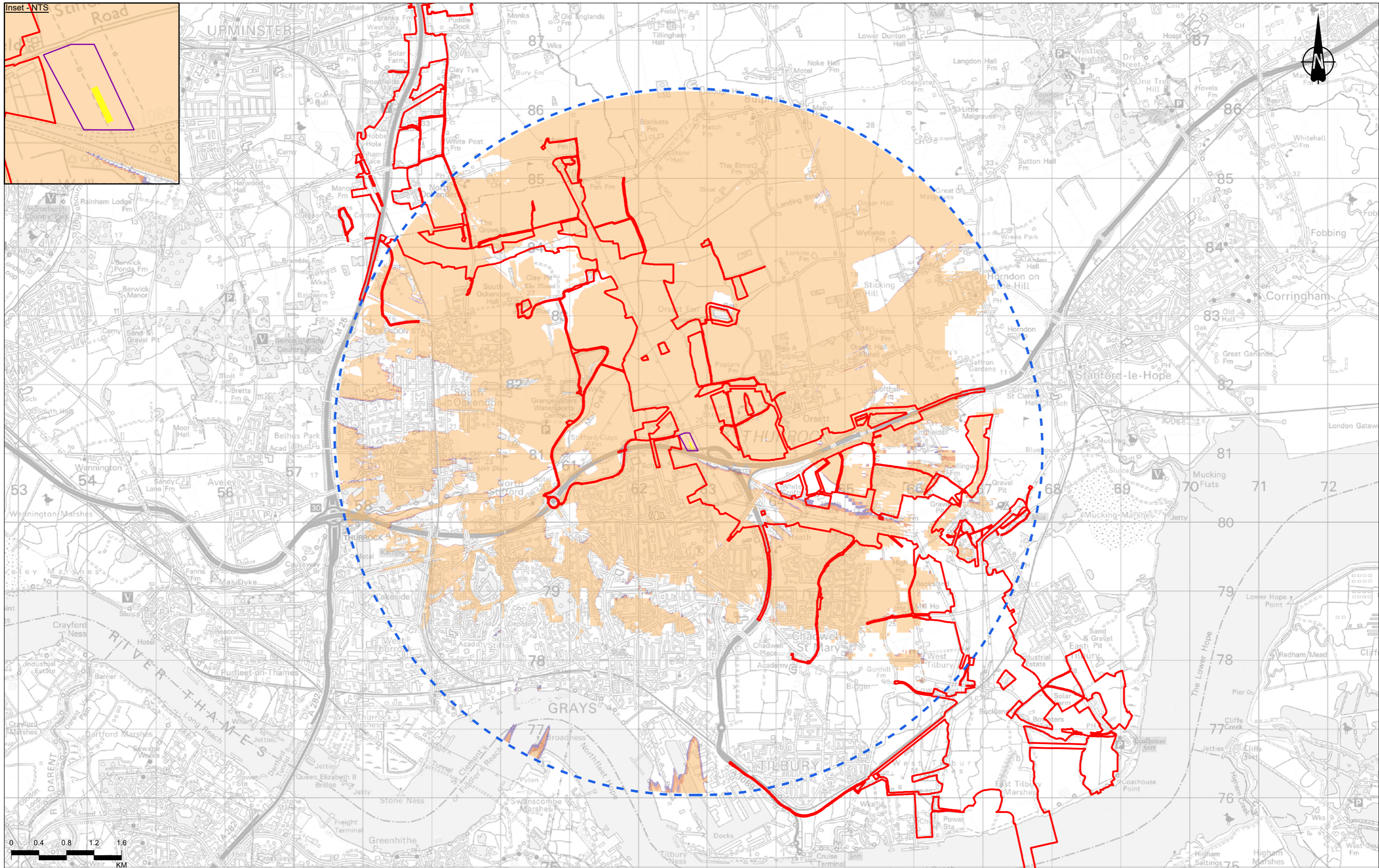
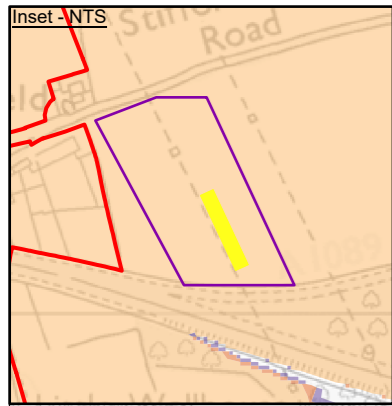
- The Zone of Theoretical Visibility (ZTV) was created using Esri ArcGIS (Visibility Tool). It is based on the combined 5m Digital Terrain Model (DTM). This has been compiled from data received from National Highways.
- The ZTV illustrates the area of theoretical visibility of the proposed elements of the Project and a view height of 2m and is limited to a 5km study area.
- This figure shows theoretical visibility and therefore the worst case extent to which the Project could be visible from the surrounding landscape. The actual extent of visibility is likely to be substantially less than shown on this figure, in particular within urban areas where with the exception of settlement edges, outward views are typically screened by existing buildings or other features.



Client: national highways

Project: LOWER THAMES CROSSING

Status	DCO APPLICATION	Original Size	A3	Revision	P03
Application Document Number	TR010032/APP/6.2	Scale	1:50,000		
Drawing Title	Figure 7.8 - ZTV - 5km DTM Analysis of Main Construction Compounds - Stifford Clays Road compound West (Visibility of max 6m high operations) Page 27 of 50				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE00000000-DR-LE-50027				



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

P03	S8	09/08/2022	DCO Application	RG	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprvd

Legend

- Order Limits
- Stifford Clays compound West
- 5km offset from construction compound
- Stifford Clays West compound - max 15m high operations

Zone of Theoretical Visibility (ZTV):
Theoretical visibility of max 15m high operations within Stifford Clays compound West

- Area identifying 1 - 33% of operations visible
- Area identifying 34 - 66% of operations visible
- Area identifying 67 - 100% of operations visible

Notes:

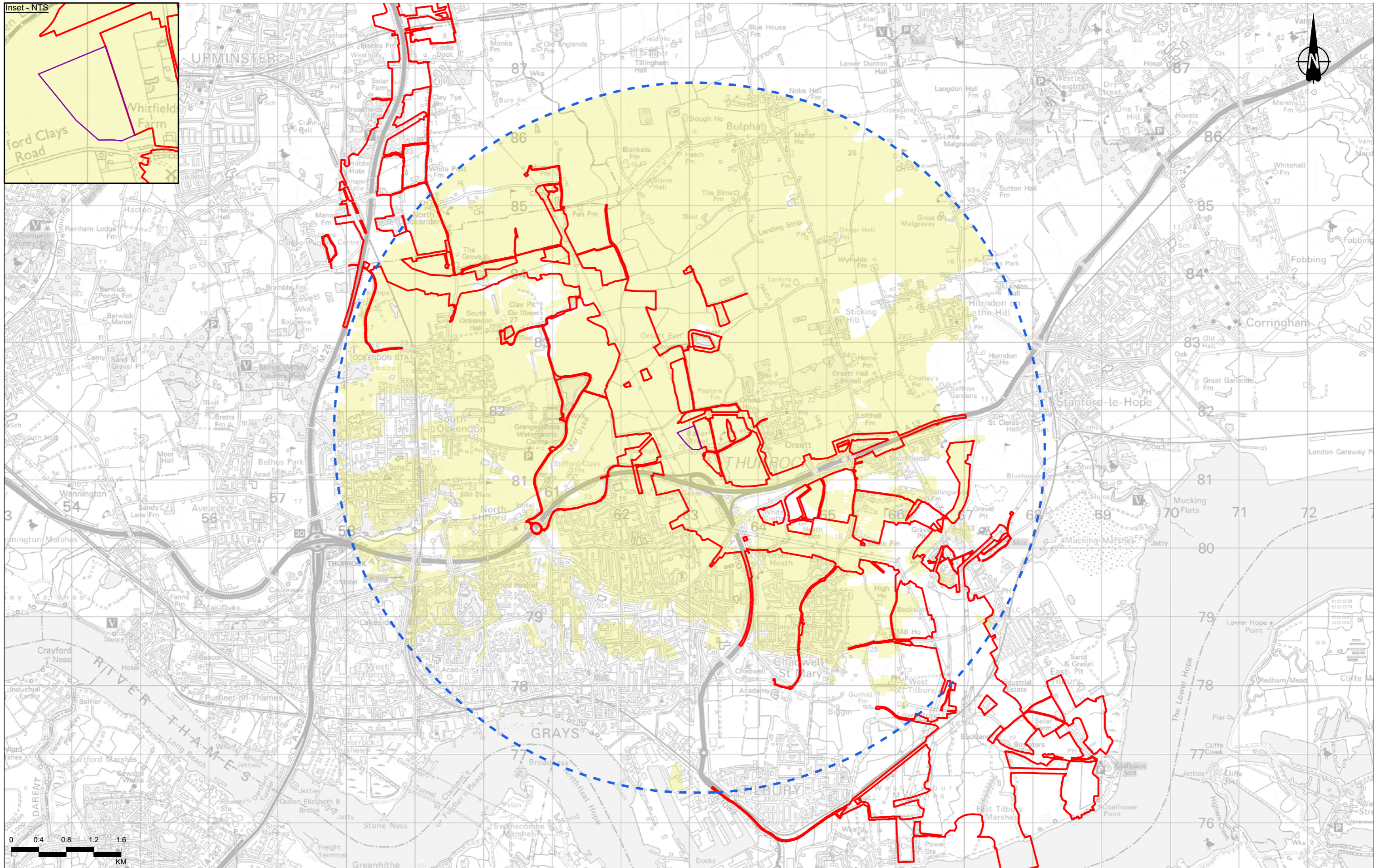
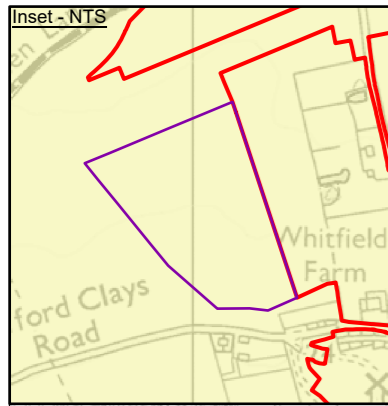
- The Zone of Theoretical Visibility (ZTV) was created using Esri ArcGIS (Visibility Tool). It is based on the combined 5m Digital Terrain Model (DTM). This has been compiled from data received from National Highways.
- The ZTV illustrates the area of theoretical visibility of the proposed elements of the Project and a view height of 2m and is limited to a 5km study area.
- This figure shows theoretical visibility and therefore the worst case extent to which the Project could be visible from the surrounding landscape. The actual extent of visibility is likely to be substantially less than shown on this figure, in particular within urban areas where with the exception of settlement edges, outward views are typically screened by existing buildings or other features.



Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	DCO APPLICATION	Original Size	A3	Revision	P03
Application Document Number	TR010032/APP/6.2	Scale	1:50,000		
Drawing Title	Figure 7.8 - ZTV - 5km DTM Analysis of Main Construction Compounds - Stifford Clays Road compound West (Visibility of max 15m high operations) Page 28 of 50				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE00000000-DR-LE-50027				



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

P03	S8	09/08/2022	DCO Application	RG	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprvd

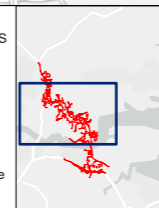
Legend

	Order Limits
	Stifford Clays compound East
	5km offset from construction compound

Area identifying combined visibility of all anticipated construction operations within Stifford Clays compound East

Notes:

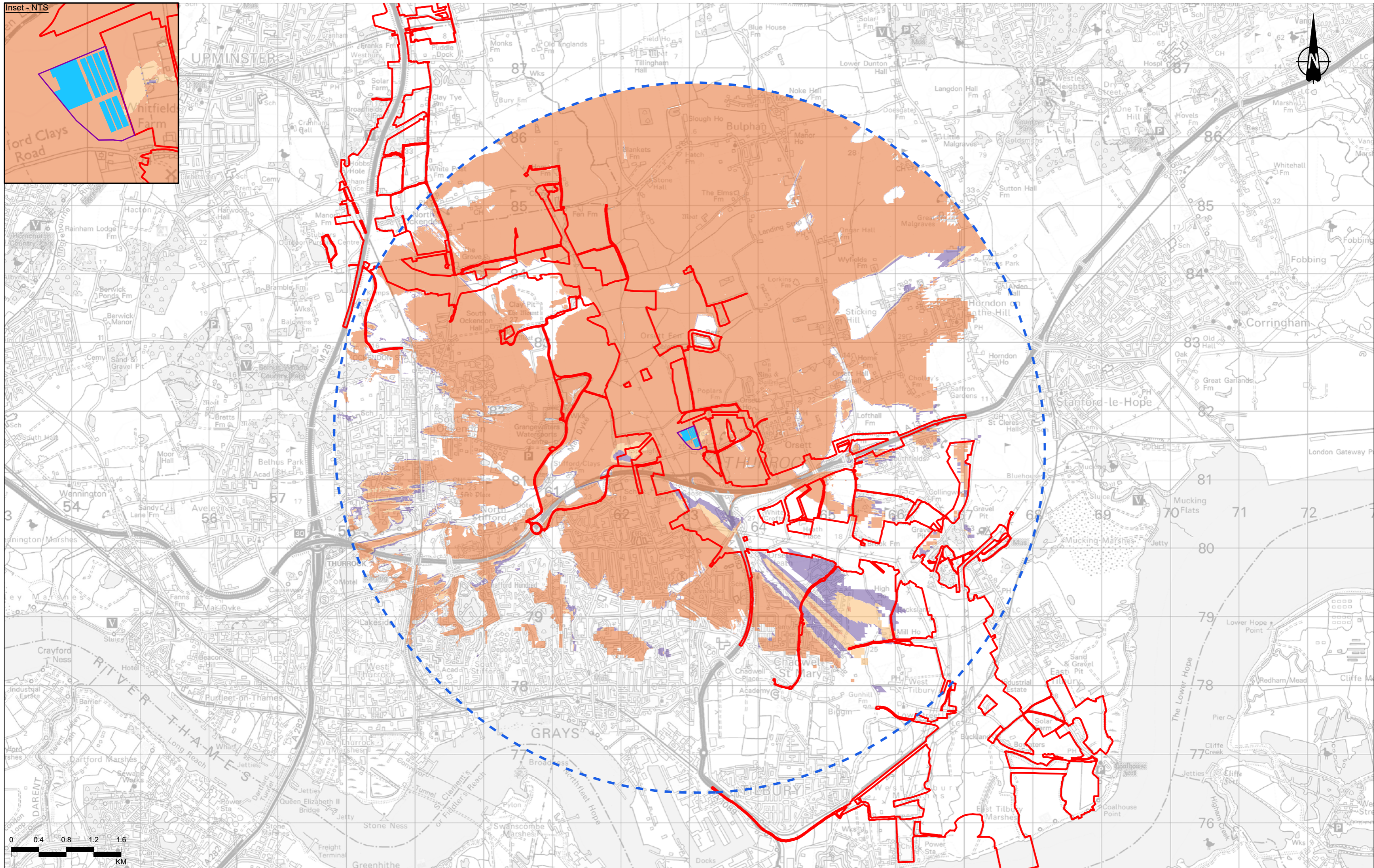
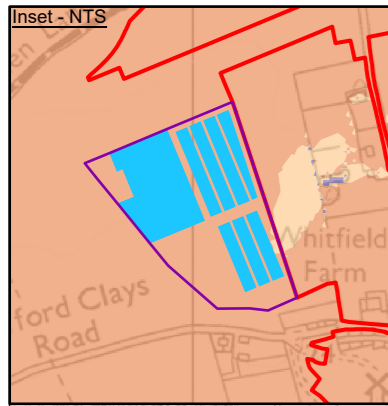
1. The Zone of Theoretical Visibility (ZTV) was created using Esri ArcGIS (Visibility Tool). It is based on the combined 5m Digital Terrain Model (DTM). This has been compiled from data received from National Highways.
2. The ZTV illustrates the area of theoretical visibility of the proposed elements of the Project and a view height of 2m and is limited to a 5km study area.
3. This figure shows theoretical visibility and therefore the worst case extent to which the Project could be visible from the surrounding landscape. The actual extent of visibility is likely to be substantially less than shown on this figure, in particular within urban areas where with the exception of settlement edges, outward views are typically screened by existing buildings or other features.



Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	DCO APPLICATION	Original Size	A3	Revision	P03
Application Document Number	TR010032/APP/6.2	Scale	1:50,000		
Drawing Title	Figure 7.8 - ZTV - 5km DTM Analysis of Main Construction Compounds - Stifford Clays Road compound East (Overview) Page 29 of 50				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE00000000-DR-LE-50027				



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

P03	S8	09/08/2022	DCO Application	RG	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprvd

Legend

- Order Limits
- Stifford Clays compound East
- 5km offset from construction compound
- Stifford Clays East compound - max 6m high operations

Zone of Theoretical Visibility (ZTV):
Theoretical visibility of max 6m high operations within Stifford Clays compound East

- Area identifying 1 - 33% of operations visible
- Area identifying 34 - 66% of operations visible
- Area identifying 67 - 100% of operations visible

Notes:

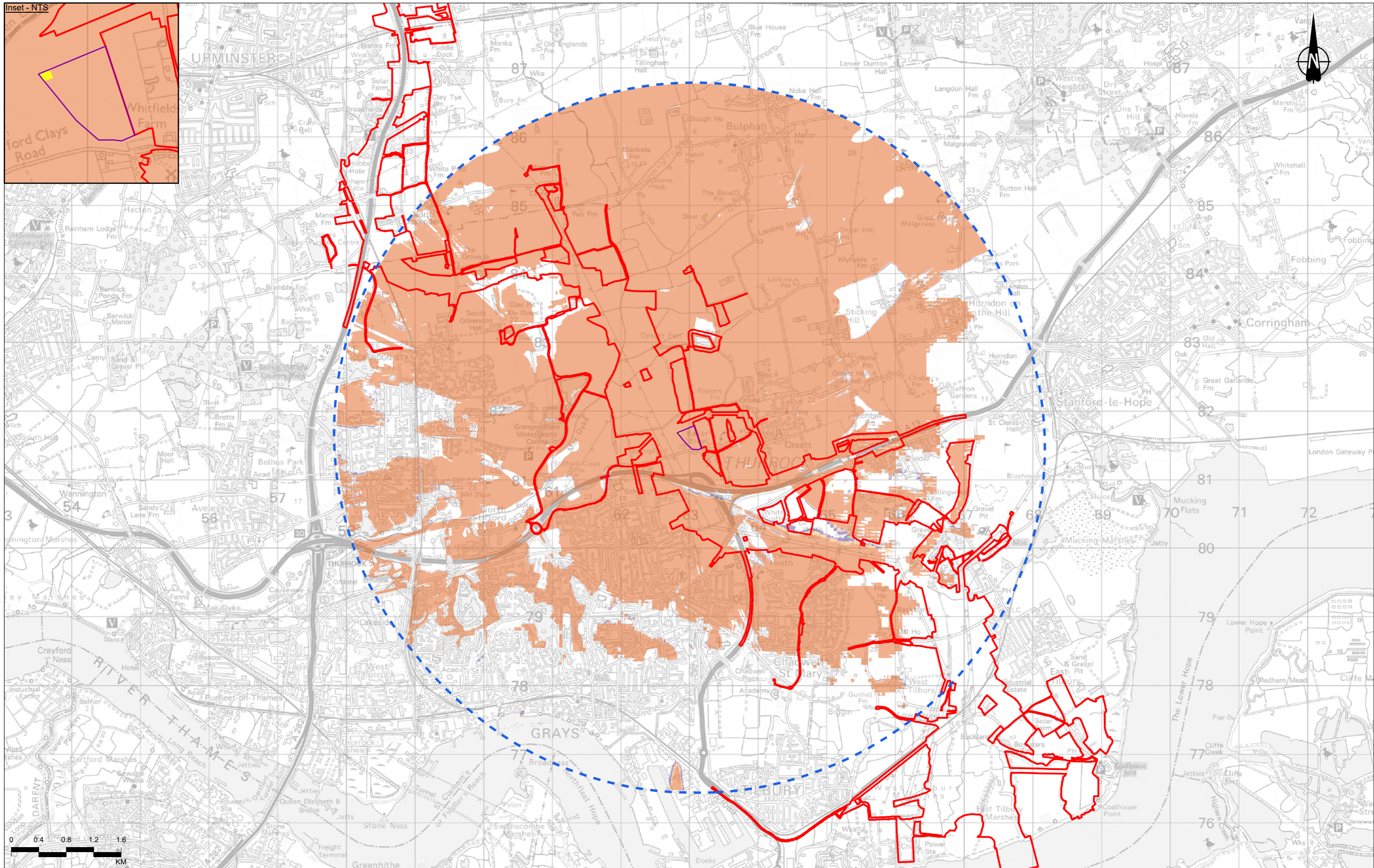
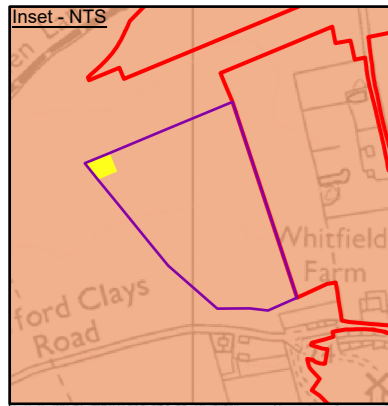
- The Zone of Theoretical Visibility (ZTV) was created using Esri ArcGIS (Visibility Tool). It is based on the combined 5m Digital Terrain Model (DTM). This has been compiled from data received from National Highways.
- The ZTV illustrates the area of theoretical visibility of the proposed elements of the Project and a view height of 2m and is limited to a 5km study area.
- This figure shows theoretical visibility and therefore the worst case extent to which the Project could be visible from the surrounding landscape. The actual extent of visibility is likely to be substantially less than shown on this figure, in particular within urban areas where with the exception of settlement edges, outward views are typically screened by existing buildings or other features.



Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	DCO APPLICATION	Original Size	A3	Revision	P03
Application Document Number	TR010032/APP/6.2	Scale	1:50,000		
Drawing Title	Figure 7.8 - ZTV - 5km DTM Analysis of Main Construction Compounds - Stifford Clays Road compound East (Visibility of max 6m high operations) Page 30 of 50				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE00000000-DR-LE-50027				



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

P03	S8	09/08/2022	DCO Application	RG	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprvd

Legend

- Order Limits
- Stifford Clays compound East
- 5km offset from construction compound
- Stifford Clays East compound - max 15m high operations

Zone of Theoretical Visibility (ZTV):
Theoretical visibility of max 15m high operations within Stifford Clays compound East

- Area identifying 1 - 33% of operations visible
- Area identifying 34 - 66% of operations visible
- Area identifying 67 - 100% of operations visible

Notes:

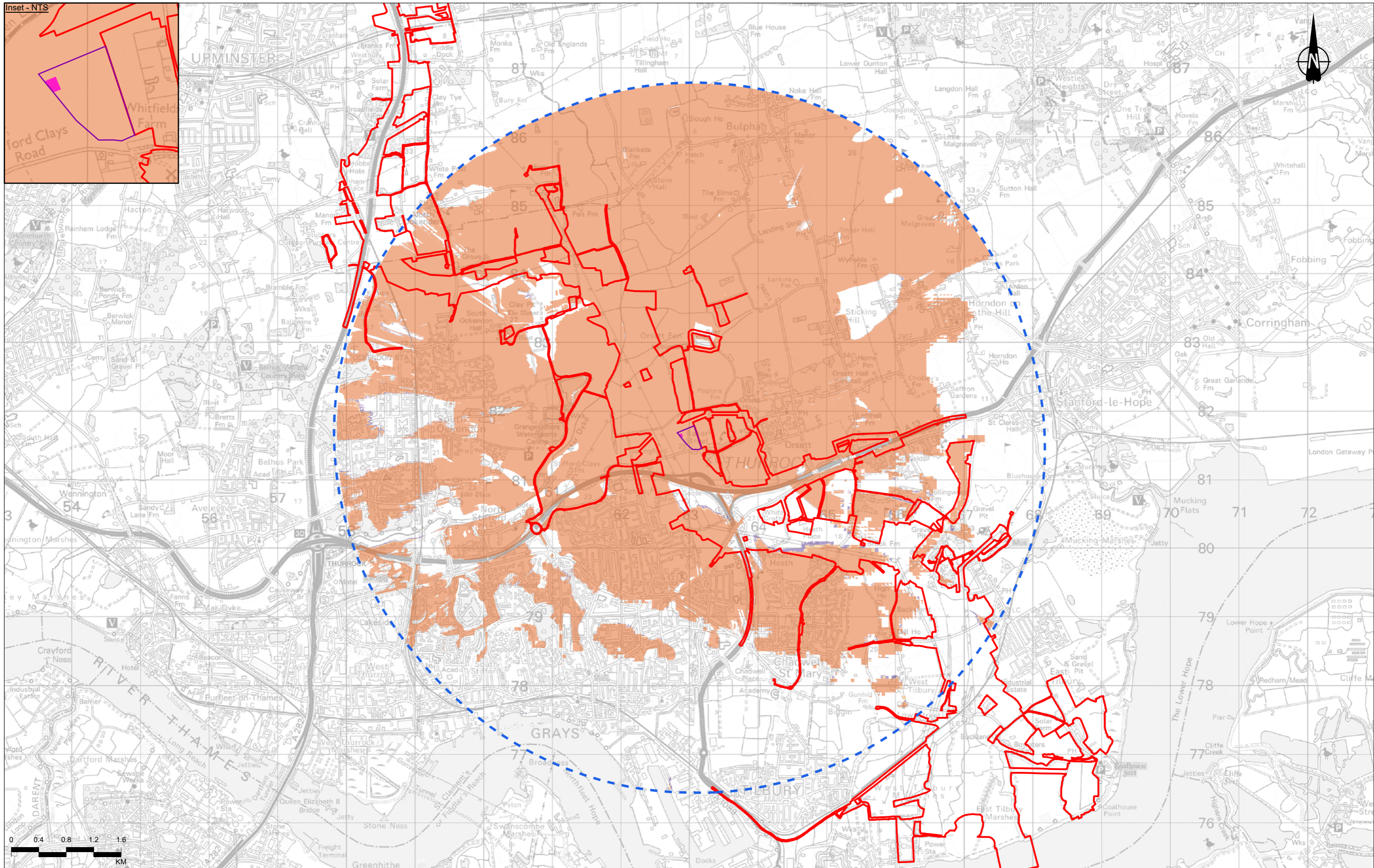
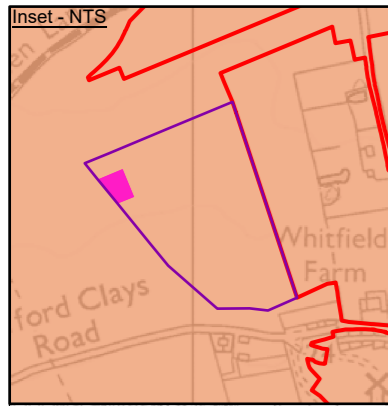
- The Zone of Theoretical Visibility (ZTV) was created using Esri ArcGIS (Visibility Tool). It is based on the combined 5m Digital Terrain Model (DTM). This has been compiled from data received from National Highways.
- The ZTV illustrates the area of theoretical visibility of the proposed elements of the Project and a view height of 2m and is limited to a 5km study area.
- This figure shows theoretical visibility and therefore the worst case extent to which the Project could be visible from the surrounding landscape. The actual extent of visibility is likely to be substantially less than shown on this figure, in particular within urban areas where with the exception of settlement edges, outward views are typically screened by existing buildings or other features.



Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	DCO APPLICATION	Original Size	A3	Revision	P03
Application Document Number	TR010032/APP/6.2	Scale	1:50,000		
Drawing Title	Figure 7.8 - ZTV - 5km DTM Analysis of Main Construction Compounds - Stifford Clays Road compound East (Visibility of max 15m high operations) Page 31 of 50				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE00000000-DR-LE-50027				



PO3	S8	09/08/2022	DCO Application	RG	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprvd

Legend	
	Order Limits
	Stifford Clays compound East
	5km offset from construction compound
	Stifford Clays East compound - max 25m high operations

Zone of Theoretical Visibility (ZTV): Theoretical visibility of max 25m high operations within Stifford Clays compound East	
	Area identifying 1 - 33% of operations visible
	Area identifying 34 - 66% of operations visible
	Area identifying 67 - 100% of operations visible

Notes:

- The Zone of Theoretical Visibility (ZTV) was created using Esri ArcGIS (Visibility Tool). It is based on the combined 5m Digital Terrain Model (DTM). This has been compiled from data received from National Highways.
- The ZTV illustrates the area of theoretical visibility of the proposed elements of the Project and a view height of 2m and is limited to a 5km study area.
- This figure shows theoretical visibility and therefore the worst case extent to which the Project could be visible from the surrounding landscape. The actual extent of visibility is likely to be substantially less than shown on this figure, in particular within urban areas where with the exception of settlement edges, outward views are typically screened by existing buildings or other features.



Client: national highways

Project: LOWER THAMES CROSSING

Status	DCO APPLICATION	Original Size	A3	Revision	P03
Application Document Number	TR010032/APP/6.2	Scale	1:50,000		
Drawing Title	Figure 7.8 - ZTV - 5km DTM Analysis of Main Construction Compounds - Stifford Clays Road compound East (Visibility of max 25m high operations) Page 32 of 50				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE00000000-DR-LE-50027				

If you need help accessing this or any other National Highways information, please call **0300 123 5000** and we will help you.

© Crown copyright 2022.

You may re-use this information (not including logos) free of charge in any format or medium, under the terms of the Open Government Licence. To view this licence:

visit www.nationalarchives.gov.uk/doc/open-government-licence/

write to the **Information Policy Team, The National Archives, Kew, London TW9 4DU**, or email psi@nationalarchives.gsi.gov.uk.

Mapping (where present): © Crown copyright and database rights 2022 OS 100030649. You are permitted to use this data solely to enable you to respond to, or interact with, the organisation that provided you with the data. You are not permitted to copy, sub-license, distribute or sell any of this data to third parties in any form.

If you have any enquiries about this publication email info@nationalhighways.co.uk or call **0300 123 5000***.

*Calls to 03 numbers cost no more than a national rate call to an 01 or 02 number and must count towards any inclusive minutes in the same way as 01 and 02 calls. These rules apply to calls from any type of line including mobile, BT, other fixed line or payphone. Calls may be recorded or monitored.

Printed on paper from well-managed forests and other controlled sources when issued directly by National Highways.

Registered office Bridge House, 1 Walnut Tree Close, Guildford GU1 4LZ

National Highways Company Limited registered in England and Wales number 09346363